above ground storage tank air quality asbestos/lead-based paint baseline environmental assessment brownfield redevelopment building/infrastructure restoration caisson/piles coatings concrete construction materials services corrosion dewatering drilling due care analysis earth retention system environmental compliance environmental site assessment facility asset management failure analyses forensic engineering foundation engineering geodynamic/vibration geophysical survey geosynthetic greyfield redevelopment ground modification hydrogeologic evaluation industrial hygiene indoor air quality/mold instrumentation masonry/stone metals nondestructive testing pavement evaluation/design property condition assessment regulatory compliance remediation risk assessment roof system management sealants/waterproofing settlement analysis slope stability storm water management structural steel/welding

underground storage tank

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

27 UNION STREET SEBEWAING, MICHIGAN

Prepared for:

Mr. Michael J. Walz 25 Woodland Lake Sebewaing, Michigan 48759

SME Project Number: 061041.02-007

February 15, 2012





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February 15, 2012

Mr. Michael J. Walz 25 Woodland Lake Sebewaing, Michigan 48759

RE: Phase I Environmental Site Assessment Report

27 Union Street Sebewaing, Michigan

SME Project Number: 061041.02-007

Dear Mr. Walz:

Soil and Materials Engineers, Inc. (SME) has completed a Phase I Environmental Site Assessment (ESA) of the above referenced property, hereinafter referred to as the Property. The enclosed Phase I ESA report presents SME's interpretation of site conditions at the time the Phase I ESA was completed, based on field observations, a review of readily available historical and regulatory records, and interviews.

The Phase I ESA was requested to identify recorded and readily observable recognized environmental conditions associated with the Property. SME understands you will rely upon the professional opinions and representations contained in the report in accordance with the terms and conditions agreed upon for the project. This reliance is not to be construed as a warranty or guarantee on the part of SME.

Thank you for the opportunity to provide these services. If you have any questions concerning this report, or if additional services are required, please call.

Project Engineer

Very truly yours,

SOIL AND MATERIALS ENGINEERS, INC.

Jeremy N. Efros Staff Geologist

Enclosures:

Two original reports

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OFFICES Indiana Michigan Ohio

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1.0 SUMMARY

SME performed a Phase I Environmental Site Assessment (ESA) of the property located at 27 Union Street, in Sebewaing, Huron County, Michigan, hereinafter referred to as "the Property," in conformance with the scope and limitations of ASTM Practice E 1527-05. Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. The general Property location is shown in Figure 1.

The purpose of this Phase I ESA was to satisfy relevant All Appropriate Inquiry (AAI) requirements to qualify Huron County EDC (the User) for applicable landowner liability protections under the Comprehensive Environmental Response, Compensation and Liability Act, as amended (CERCLA). This Phase I ESA report is comprised of the following elements in support of AAI: 1) property description, 2) User-provided information, 3) records review, 4) site reconnaissance, 5) interviews, 6) findings, opinions, and conclusions.

This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- SME observed oily staining on the floor in the eastern portion of the building. This was an area where old machinery and motors were stored (Sections 6.4.7, 7.3). In SME's opinion, the potential for impact from the release of hazardous substances and/or petroleum products in the building represents a REC in connection with the Property.
- A building situated on the western portion of the Property in 1951 was identified as an automobile repair shop. The eastern portion of the Property was used by the County Road Commission between 1938 and 1951 to store and possibly repair road machinery and trucks. The 1938 and 1951 historical fire insurance maps show that coal was stored near the southwestern Property boundary. Finally, portions of the Property historically contained railroad tracks (Section 5.4.2). In SME's opinion, the potential for a release of hazardous substances from the historic operations associated with the automobile repair shop, County Road Commission operations, railroad tracks, and the storage of coal represent RECs in connection with the Property.
- The Property was a portion of industrial facility located on the north adjoining site that operated from approximately 1959 through 2008 (Section 5.4.2). In SME's opinion, the potential for a release of hazardous substances from the historic operations associated the industrial use of the Property represent RECs in connection with the Property.
- The north adjoining site was operated as Sebewaing Industries from 1959 through 1999, Tower Automotive Technology Products from 1999 through 2002, and Lapeer Metal Stamping Sebewaing, LLC from 2005 to 2008. The Property was a portion of the north adjoining site until 2011 (Sections 4.3, 5.1, 5.4.3). Evaluation activities



conducted at the north adjoining site and on the Property show that soil and groundwater contained volatile organic compounds (VOCs) and metals above MDEQ Part 201 cleanup criteria. The presence of contamination at the Property and the potential migration of hazardous substances and/or petroleum products onto the Property from the north adjoining site represent RECs in connection with the Property.

The User acquiring the Property is the sole party responsible for complying with AAI requirements for Landowner Liability Protection (LLP) under CERCLA as an Innocent Purchaser, Bona Fide Prospective Purchaser, or Contiguous Property Owner, as applicable. The completion of a Phase I ESA, with a statement by an Environmental Professional (EP) that it is compliant with AAI and/or the ASTM E 1527-05 Practice, may not be sufficient to provide CERCLA LLP.

SME's Project Team was as follows:

Preparer: Mr. Jeremy N. Efros

Environmental Professional (EP): Mr. Brian C. Berger, P.E.

Senior Technical Reviewer: Keith Egan, Ohio CP#259

SME Project Number: 061041.02-007 February 15, 2012- Page 3

2.0 INTRODUCTION

SME performed a Phase I Environmental Site Assessment (ESA) of the property located at 27 Union Street, in the Village of Sebewaing, Huron County, Michigan, hereinafter referred to as "the Property." The Phase I ESA was conducted according to the ASTM International (ASTM) Practice E 1527-05 (Practice), which is accepted in the U.S. Environmental Protection Agency regulations as satisfying one component of the requirements of All Appropriate Inquiries (AAI) under the Comprehensive Environmental Response, Compensation and Liability Act, as amended (CERCLA).

Satisfying AAI is one component of the requirements for a Prospective Purchaser to qualify for the Bona Fide Prospective Purchaser (BFPP), Contiguous Property Owner, or Innocent Landowner defense to CERCLA liability. For properties known to be contaminated with hazardous substances, or petroleum, the Prospective Purchaser also must comply with the continuing obligations defined in CERCLA to maintain the landowner liability protection (LLP) to CERCLA.

The Huron County Economic Development Corporation (EDC) retained SME to conduct this Phase I ESA on behalf of Mr. Walz, the perspective purchaser, based on our approved work order, dated October 10, 2011. The Phase I ESA was funded by the U.S. Environmental Protection Agency Brownfields Assessment Grant for petroleum products previously awarded to the Huron County EDC.

2.1 Purpose

The purpose of this Phase I ESA was to satisfy relevant AAI requirements for qualifying the User of this report for applicable landowner liability protections under CERCLA (42 U.S.C. 9601). One of the primary objectives was to identify recognized environmental conditions (RECs) in connection with the Property and assess the relative significance of the identified REC(s). The Practice defines a REC as:

...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental

¹ For the purposes of this Phase I ESA, a hazardous substance is a substance as defined in the ASTM Practice E 1527-05.

agencies. Conditions determined to be de minimis are not recognized environmental conditions.

2.2 Detailed Scope of Services

This Phase I ESA was conducted in conformance with the ASTM Standard Practice on Environmental Site Assessments for Commercial Real Estate designation E 1527-05, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." This Phase I ESA does not address the non-scope considerations as defined by Section 13 of the Practice.

2.3 Significant Assumptions

Pursuant to the Practice, SME assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

2.4 Limitations and Exceptions

No limitations were encountered during site reconnaissance activities.

2.5 Special Terms and Conditions

No special terms and conditions were imposed on SME as part of this Phase I ESA.

2.6 Reliance

SME has prepared this report to be used and relied upon solely and exclusively by Mr. Michael J. Walz (the User), in accordance with terms and conditions agreed upon for the project. No other party may rely upon SME's opinions, conclusions or reports unless SME has agreed to such reliance in writing.



3.0 PROPERTY DESCRIPTION

The following subsections contain descriptions of the Property, uses and conditions of the Property, and uses of the adjoining sites at the time of this Phase I ESA. Photographs of the Property and surrounding areas are included in Appendix A.

3.1 Property Location and Legal Description

The Property is located at 27 Union Street in the Village of Sebewaing, Huron County, Michigan. The Property location is shown in Figure 1. The legal description of the Property, tax identification number 39-008-073-00, is attached in Appendix B.

3.2 Property and Vicinity Characteristics

At the time of the reconnaissance, the Property consisted of approximately 1.85 acres of land developed with a 9,240 square foot, one story sheet metal sided building. The remainder of the Property consisted of grass-covered land, concrete pads, or areas of gravel. A former railroad track was present on the south and west portions of the Property. The Property was situated in a mixed residential/commercial/ industrial area on the north bank of the Sebewaing River.

A current Property Features Diagram (Figure 2) was developed from the observations, field notes, photographs, and/or historical information collected during conduct of this Phase I ESA.

3.3 Current Use of the Property

The Property was unoccupied at the time of the reconnaissance.

3.4 Current Uses of the Adjoining Sites

Known current uses of adjoining sites are summarized in the following table:

Direction	Name Address	Activity
North	Vacant Lot 249 N. Center Street	None Observed
East	Sebewaing Fire Station-Station No. 1 Union Street	None observed
South	Sebewaing River Residential land with what appeared to be a vacant garage/industrial building	Residential
West	Neal Gettel Farms 218 Union Street	Grain Elevator



4.0 USER PROVIDED INFORMATION

As part of AAI the User has the responsibility, above and beyond the Phase I ESA conducted under supervision of an EP, to provide information described in the subsections below. The User information was provided through completion of the **User Questionnaire** attached in Appendix C.

- Reason for this Phase I ESA;
- Environmental cleanup liens and activity/use limitations (AULs) recorded for the Property;
- Specialized knowledge and experience of the User indicative of potential RECs associated with the Property;
- Relationship of purchase price to market value;
- Commonly known or reasonably ascertainable information about environmental conditions on the Property; and
- Legal/administrative proceedings related to hazardous substances, petroleum products, or environmental compliance issues in, on or emanating from the Property.

4.1 Reason for the Phase I ESA

Mr. Michael Walz, the User, reported that the reason for this Phase I ESA of the Property was to support the User's all appropriate inquiry into environmental conditions of the Property, a component of the User's effort to qualify for one of the landowner liability protections to CERCLA applicable to the planned purchase of the Property.

4.2 Recorded Environmental Cleanup Liens and AULs

Mr. Walz reported that a review of recorded land title records for the Property was not conducted. This represents a data gap with respect to AAI and is discussed in Section 8. Mr. Walz did report that he did not have personal knowledge of the presence of environmental cleanup liens and AULs.

4.3 Specialized Knowledge and Experience

Mr. Walz reported having specialized knowledge of potential environmental concerns or issues associated with the Property. He indicated that the north adjoining site (former Lapeer Metal Stamping Plant) had monitoring wells installed in the building due to contamination from a parts cleaning line. Mr. Walz also informed SME that concrete vaults, used to collect oils and



greases, were used beneath stamping presses in the building. The vaults were reportedly between 10 feet and 30 feet deep and were periodically cleaned out. The potential for migration of hazardous substances and/or petroleum products onto the Property from historical activities on the north-adjoining site represents a suspect REC in connection with the Property.

Mr. Walz also reported that an above ground propane storage tank was formerly used on the Property. The usage of an above ground propane tank does not represent a REC in connection with the Property.

4.4 Relationship of Purchase Price to Value

Mr. Walz reported that the purchase price of the Property was significantly below fair market value. This was due to the current owner, a demolition company, who bought the Property for the scrap value of the former buildings, wanting to sell the Property quickly. This does not represent a suspect REC in connection with the Property.

4.5 Commonly Known or Reasonably Ascertainable Information

Mr. Walz reported that he has become aware of information that would indicate the Property could be contaminated or that a past event could have resulted in environmental impact of the Property or adjoining properties (see Section 4.3).

4.6 Proceedings Involving the Property

Mr. Walz, based on personal knowledge and experience related to the Property, reported no known pending, threatened, or past litigation, administrative proceedings, or violations of environmental laws and regulations related to hazardous substances or petroleum products in, on, or arising from the Property.



5.0 RECORDS REVIEW

5.1 Environmental Record Sources

SME retained Environmental Data Resources, Inc. (EDR) to query the state, federal, and tribal regulatory agency databases described in the Practice to identify regulated and/or environmentally impacted sites within the specified approximate minimum search distances. EDR also queried other readily available regulatory agency databases. The queried databases, associated search radii, and dates the lists were updated are listed in the EDR report (Appendix D). The EDR report also includes maps indicating the locations of these listed sites relative to the Property. Unmapped sites, as identified by EDR, are sites, which for various reasons cannot be mapped through the EDR query system.

A summary of listed sites of concern determined by SME to be suspect RECs is presented in the table included in this subsection. Where possible, SME attempted to locate the reported unmapped sites. Unmapped sites determined by SME to be within the applicable approximate minimum search distance(s) and to be suspect RECs are also included in the table. Based on the location of sites with respect to the Sebewaing River, the distance from the Property, and local subsurface stratigraphy (see Section 5.3.2), the remaining sites do not appear to represent suspect RECs in connection with the Property. In SME's opinion, it was not necessary to review records for these sites.

LISTED SITES OF CONCERN (SUSPECT RECS)

Site Name and Address	Approximate Distance and Direction from Property ¹	Name of List ²
Lapeer Metal Stamping Tower Automotive Technology Products	North-adjoining site	RCRA-CESQG, RCRA -Non-Gen, SHWS, AST, BEA
249 North Center Street		
Engelhardt Petroleum, Inc.		RCRA-SQG, SHWS,
MDEQ/Environmental Quality RRD	350 feet east/southeast	LUST, UST, BROWNFIELDS, AST
260 North Center Street		,
Neal Gettel Farms	West-adjoining site	AST
218 Union Street	w est-aujonning site	

¹EDR sites are mapped by address. Distances and/or site directions listed above may be adjusted from those reported by EDR to better represent field conditions and potential site boundaries.

²Definitions of acronyms and lists are presented in the EDR report.



The north adjoining site was formerly occupied by Lapeer Metal Stamping and Tower Automotive Technology (249 North Center Street). The Property was formerly a portion of the north adjoining site and was separated from the site in 2011. According to the EDR report, the north adjoining site was listed as a state hazardous waste site with known pollutants of trichloroethene and cutting oils. A Category "D" Baseline Environmental Assessment (BEA) was prepared and submitted to the MDEQ on January 12, 2005. The report documented the presence of contaminants at the site above Michigan regulatory limits. The site was also a large quantity generator between 1994 and 2002 and was listed as a conditionally exempt small quantity generator of hazardous wastes in 2004. An above ground storage tank (AST) was formerly present on the site and was reportedly closed as of January 6, 2005.

On January 23, 2012, SME reviewed records pertaining to the north adjoining site at the MDEQ Saginaw Bay District Office. According to a November 19, 2004, BEA report, Lapeer Metal Stamping was purchasing the site from Tower Automotive. The site was a metal stamping facility. The Property was a portion of the site and the building on the Property was used for storing metal and machinery used in the metal stamping operations. According to the report, tetrachloroethene, trichloroethene, 1,2,4-trimethylbenzene, barium, mercury, and selenium were detected in soil and/or groundwater samples collected from the Property. The concentrations of contaminants exceeded the MDEQ Part 201 cleanup criteria.

The soil conditions at the Property and north adjoining site consisted of approximately 1 to 3 feet of sand, gravel and silt fill materials overlying silty clay, clayey silt, and sand layers that extended to depths of at least 18 feet below ground surface. Bedrock was reportedly located at a depth of 48 feet. Groundwater was encountered at depths ranging from 6 feet to 18 feet below ground surface and flowed southwest toward the Sebewaing River. The presence of hazardous substances on the Property at levels exceeding the MDEQ Part 201 cleanup criteria represents a suspect REC in connection with the Property.

Engelhardt Petroleum, Inc. (260 North Center Street) was located approximately 350 feet east/southeast of the Property and was listed as a RCRA-SQG and a SHWS related to an open leaking underground storage tank (LUST) release. According to the EDR report, the LUST release was reported on January 4, 1987. The Engelhardt Petroleum site formerly had a 1,500-gallon, a 1,000-gallon, and a 500-gallon gasoline tank. According to the MDEQ file, which was reviewed on January 23, 2012, a confirmed release was reported for the site on March 15, 1987. Contamination from the site migrated to the south and under the properties adjoining the Engelhardt Petroleum, Inc. site. Soil conditions encountered in the vicinity of the Engelhardt Petroleum site consisted of approximately 2 feet to 4 feet of sand overly silty clay. The clay extended to a depth of 20 feet. Sand and gravel layers were interbedded in the clay at depths of

approximately 8 feet below ground surface. Groundwater was encountered at a depth of 8 feet and flowed to the south. The contamination from the Engelhardt Petroleum site extended off site to the south but not toward the Property. Therefore, the Engelhardt Petroleum site does not appear to represent a suspect REC in connection with the Property.

The west-adjoining site, 218 Union Street, was listed as an above ground storage tank (AST) site. According to MDEQ records, an 18,000 gallon liquid propane gas (LPG) AST was installed at the site. The propane was used as a fuel source for grain drying operations at the site. The final inspection of the AST was conducted on October 4, 2010. The presence of the LPG AST on the west-adjoining site does not appear to represent a suspect REC in connection with the Property.

5.2 Additional Environmental Record Sources

5.2.1 County Environmental Health Department

On January 5, 2012, SME contacted the Huron County Environmental Health Department via facsimile and requested all available information pertaining to environmental concerns associated with the Property and surrounding area, including information on septic systems and water wells, if any, located on the Property. Mr. Tip MacGuire, Environmental Health Director, indicated that the Property had municipal water and sewer but no other records were available for the Property.

5.2.2 Fire Department

On January 17, 2012, SME contacted the Sebewaing Fire Department via telephone and requested all available records associated with the Property and surrounding properties. Fire Chief Matt Bumhoffer indicated no records were available for the Property.

5.2.3 MDEQ Geological Survey Division

SME queried the MDEQ-Geological Survey Division's (GSD) Oil and Gas Information System – Online Data Query for oil and gas permits/wells for the Property's township, range and section number. According to the January 12, 2012, query results, no known oil and/or gas well permits were recorded for the Property section number.

5.2.4 Other Record Sources

No other record sources were contacted as part of this Phase I ESA.



5.3 Physical Setting Source(s)

5.3.1 USGS - Current 7.5 Minute Topographic Map

SME reviewed a United States Geological Survey (USGS) 7.5 minute series Topographic Map Sebewaing Quadrangle, Michigan, compiled in 1963 and photo inspected in 1978 and the 30 minute series Topographic Map Bay City Quadrangle, compiled in 1984. The Property was relatively flat at an elevation of approximately 585 feet above mean sea level (MSL). Two buildings were depicted on the Property and railroad tracks appeared to be present on the southwest portion of the Property. The Sebewaing River adjoined the southern Property boundary and Saginaw Bay was located approximately 0.5 mile west of the Property. No other bodies of water were depicted within a one-mile radius.

5.3.2 Other Non-Practice Physical Setting Sources

Based on borings logs SME reviewed in the MDEQ file for the north adjoining site the general subsurface conditions at the Property consisted of gravel surface materials overlying 1 foot to 8 feet of sand. Beneath the sand were clayey silt and/or silty clay that extended to the explored depths of the borings which were 14 feet to 18 feet below ground surface. Groundwater was encountered at depths ranging from 6 feet to 18 feet below ground surface. Groundwater in this area flows to the southwest.

5.4 Historical Use Information for the Property

The objective of consulting historical record sources is to develop a history of the Property's previous uses to help identify the likelihood of past uses having led to RECs in connection with the Property. The information reviewed was from reasonably ascertainable standard sources, defined in the Practice as publicly available, obtainable from its source within reasonable time and cost constraints, and practicably reviewable.

Data failures encountered, as defined by the Practice, are described in the following discussions of the respective historical sources. The Practice requires review of only as many of the standard historical sources as are reasonably ascertainable and likely to be useful.

5.4.1 Standard Historical Sources

The sources reviewed to determine the historical uses of the Property and related environmental issues are summarized below. Copies of source documents are included in Appendix B. A summary of findings from these reviews is presented in section 5.4.2.



- Aerial Photographs: SME reviewed aerial photographs, obtained from EDR, dated 1941, 1949, 1964, 1972, 1982, 1992, 1999, 2005, 2006, and a 2011 aerial obtained from Google Earth Pro.
- Fire Insurance Maps: SME reviewed Sanborn® Fire Insurance Maps of the Property area, obtained from EDR, dated 1895, 1901, 1909, 1926, 1938, and 1951.
- **Property Tax Files:** SME visited the Sebewaing Assessing Department and requested all available records pertaining to the Property. SME reviewed the provided records, which were comprised of a property record card.
- Recorded Land Title Records: SME did not review land title records because information regarding the history of the Property was obtained from other historical sources identified herein. In addition, land title records typically provide information regarding ownership, but not use, of a property.
- USGS Topographic Maps: SME reviewed the USGS 7.5 minute series Topographic Map Sebewaing Quadrangle, Michigan, compiled in 1963, and a photo inspected version of the same Map from 1978. SME also reviewed a USGS 30 minute series Topographic Map with Bay City Quadrangle compiled in 1984.
- Local Street Directories: SME reviewed local street directories for the years 1994, 1998, 2002, 2006, and 2010 provided by EDR. The Property was formerly a portion of the Lapeer Metal Stamping site with an address of 249 North Center Street.
- Building Department Records: SME visited the Sebewaing Building Department/Township Offices and requested all available records pertaining to the Property. SME reviewed the records, which were comprised of files pertaining to LMS Sebewaing, LLC, Tower Automotive Technology Products, and Sebewaing Industries. The files were associated with the site at 249 Center Street, which formerly included the Property. SME was able to determine that the Property was owned by Sebewaing Industries from 1959 through 1999, Tower Automotive Technology Products from 1999 through 2002, and LMS Sebewaing, LLC from 2005 to 2008. The building on the Property was vacant from at least 2008 through 2011.
- **Zoning/Land Use Records:** SME was informed by the Sebewaing Township Office that the Property was zoned M-2, Heavy Machinery.
- Other Historical Sources: SME did not review other historical sources because sufficient information regarding the history of the Property was obtained from the aforementioned historical sources.



5.4.2 Historical Use Summary

A summary of historical usage of the Property, back to 1895, the date of earliest readily available records as described above, is presented in the following table:

HISTORICAL USE SUMMARY

Year / Period	Identified / Inferred Use	Source (Date)
1895- 1926	From 1895 through 1926, the Property was identified as the J.C. Liken & Co. Flour Mill and Elevator. The Property was developed with numerous buildings throughout this period. The main buildings consisted of the flour mill, the elevator, and general warehouse buildings. Two grain silos were present on the 1926 Sanborn Map. Railroad tracks were present on the south portion of the Property. In 1926 the Property was listed as vacant.	Sanborn Maps (1895, 1901,1909, 1926)
Dromarty, The hyildings consisted of a new outo		Sanborn Map (1938) Aerial Photographs (1941, 1949)
1051 building, two grain shos, and a general meremanase		Sanborn Map (1951)



Year / Period	Identified / Inferred Use	Source (Date)
	The current building was present on the Property and was used as an industrial building by Sebewaing Industries from 1959 through 1999, Tower Automotive Technology Products from 1999 through 2002, and LMS Sebewaing, LLC from 2005 to 2008. Railroad tracks were present on the south portion of the Property.	Aerial Photographs (1964, 1972, 1982, 1992, 1999, 2005, and 2006)
1959-2008		Topographic Maps (1963, 1978, and 1984)
		Building Department/ Township Records (2012)
		Assessing Records (2012)
	The Property and building were vacant. Railroad	Aerial Photograph (2011)
2009-2011	tracks were present on the south portion of the Property.	Building Department/ Township Records (2012)

The Property was listed as the J.C. Liken & Co. Flour Mill and Elevator from 1895 through 1938. However, the Property was listed as vacant or used for storage between 1926 and 1938. A building on the eastern portion of the Property was used by the County Road Commission between 1938 and 1951 and an automobile repair shop was located on the western portion of the Property in 1951. A coal storage area was located near the southwestern Property boundary on the 1938 and 1951 historical fire insurance maps and railroad tracks were present on the Property from at least 1895 through 2011. The historic operations associated with the automobile repair shop, County Road Commission operations, the storage of coal and the railroad tracks may have resulted in a release of hazardous substances or petroleum products at the Property and represent a suspect REC in connection with the Property.

The Property was associated with the industrial operations of the north-adjoining site from 1959 through 2008. In SME's opinion the potential for environmental impact associated with industrial operations at the Property and the north adjoining site between 1959 and 2008 represent suspect RECs in connection with the Property.

SME was unable to determine specific usage of the Property prior to 1895, from 1901 through 1909, from 1909 through 1926, from 1926 to 1938, from 1938 through 1951, and from



1951 through 1959. These time periods represent data gaps in connection with the Property and are discussed further in Section 8.

5.4.3 Historical Use Information About Proximate Sites

An attempt was made to assess the historical uses of proximate sites by reviewing records referenced in Section 5.4. No proximate sites of concern (suspect RECs) were identified in the course of researching the Property itself with the exception of the following:

Year / Period	Identified / Inferred Use (Relationship to Property)	Source (Date)
	Industrial usage on the north adjoining site (see Sections 4.3 and 5.1).	Aerial Photographs (1964, 1972, 1982, 1992, 1999, 2005, 2006)
1959 – 2008		Topographic Maps (1963, 1978, 1984)
		Building Department/ Township Records (2012)



6.0 SITE RECONNAISSANCE

The site reconnaissance was conducted to identify evidence of the presence of suspect RECs in connection with the Property. Descriptions of the current Property use and conditions, including the use, storage, and/or treatment of hazardous substances and/or petroleum products and the generation, storage/accumulation, and/or disposal of chemical, petroleum or other contaminated wastes are presented in the following sections.

6.1 Methodology and Limitations

On January 17, 2012, Mr. Jeremy N. Efros of SME conducted a reconnaissance of the Property to observe Property conditions and features in an effort to identify RECs in connection with the Property. SME was accompanied by Mr. Michael Walz, owner of Union Storage, LLC, during the reconnaissance. Mr. Efros first reconnoitered the exterior of the Property in a clockwise direction and then observed the inside of the building from east to west. Photographs taken during the reconnaissance, which illustrate observed Property conditions and surrounding areas, are contained in Appendix A. No limitations were encountered during the Property reconnaissance.

6.2 General Property Setting

The Property was located in a mixed industrial/commercial/residential area in downtown Sebewaing. The Sebewaing River adjoined the south boundary of the Property.

6.3 Exterior Observations

A one story sheet metal sided building was situated on the eastern portion of the Property. Land to the west of the building was covered with gravel or concrete pads from former structures on the Property. The western end of the Property was gravel covered and the remainder of the Property was grass covered. Two concrete structures were observed on the western portion of the Property and appeared to be associated with a former AST. During the Property reconnaissance, SME observed no evidence of stained soils or pavements, or areas of stressed vegetation. In addition, SME observed no evidence of septic systems or water supply wells.

6.3.1 Chemical Use and Storage

SME observed no exterior use and/or storage of chemicals.



6.3.2 USTs/ASTs

SME observed two concrete stirrups formerly used to hold a 1,000-gallon propane AST. No staining or signs of stressed vegetation was observed in the area where the propane tank was formerly staged. In SME's opinion this use of an AST propane tank is not considered a suspect REC in connection with the Property.

6.3.3 PCB Containing Equipment

SME observed no exterior evidence of equipment containing polychlorinated biphenyl (PCB).

6.3.4 Pits, Ponds, and Lagoons

SME observed no visual evidence of pits, ponds, or lagoons.

6.3.5 Waste Generation, Treatment, Storage, and Disposal

SME observed no exterior visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes.

6.3.6 Other Exterior Features

SME observed railroad ties on the southern portion of the Property. The steel tracks appeared to have been removed from the Property.

6.4 Interior Observations

The building consisted of sheet metal siding with a concrete floor.

6.4.1 Chemical Use and Storage

SME observed no use and/or storage of chemicals in the building

6.4.2 USTs/ASTs

SME observed no evidence of USTs or ASTs in the building.

6.4.3 PCB Containing Equipment

SME observed no visual evidence of PCB containing equipment in the building.

6.4.4 Drains and Sumps

SME observed no visual evidence of drains or sumps in the building.



6.4.5 Waste Generation, Treatment, Storage, and Disposal

SME observed no visual evidence of the generation, treatment, storage, or disposal of liquid or solid wastes, in the building with the exception of a sign that said "Waste Storage Area". SME contacted Mr. Bill Desmet, former maintenance man for Lapeer Metal Stamping, and inquired about the type of waste stored in the building. Mr. Desmet indicated that the only waste maintained in the building was common refuse and no chemical waste.

6.4.6 Heating/Cooling

The building was heated via natural gas heaters.

6.4.7 Other Interior Features

SME observed what appeared to be an oily staining on the floor on the eastern portion of the building. Mr. Desmet informed SME that old machinery and motors had been stored in that portion of the building during his eight years of experience working in the building. The potential for environmental impact associated with former staging of old machinery and motors on the eastern portion of the building and the observed staining in that area represents a suspect REC in connection with the Property.

6.5 Adjoining Sites Observations

SME observed adjoining sites from the Property boundaries and public right-of-ways for evidence of RECs. SME observed an approximately 250-gallon AST on the Neal Gettel Farms site that adjoined the Property to the west. The AST appeared in good condition and no staining or stressed vegetation was observed in the vicinity of the AST. In SME's opinion the AST does not represent a suspect REC in connection to the Property. North of the Property was a vacant lot that was covered by concrete. The historic Sebewaing Fire Department No. 1 building adjoined the Property to the east and the Sebewaing River adjoined the Property to the south.



7.0 INTERVIEWS

As part of the conduct of this Phase I ESA, SME was unable to interview the Owner of the Property. SME interviewed the following pertinent individuals other than the User of this report:

- State and/or local government officials Fire Chief Matt Bumhoffer with the Sebewaing Fire Department
- Other pertinent interviews Bill Desmet, former maintenance man for the Property building.

7.1 Interviews with Owner/Site Manager/Occupant

SME provided a copy of the Owner/Occupant Questionnaire to 249 North Center Street, LLC, the current owner of the Property. SME attempted to contact the Property owner three times via telephone to obtain the completed questionnaire. As of the date of this report, SME has not received the completed questionnaire. This represents a data gap in connection with the Property and is discussed further in Section 8.

7.2 Interviews with Local Government Officials

SME interviewed Fire Chief Matt Bumhoffer and asked whether he had any environmental concerns associated with the Property and surrounding area. Fire Chief Bumhoffer indicated he was not aware of environmentally related incidents having occurred on the Property.

7.3 Interviews with Others

SME interviewed Mr. Bill Desmet, the former maintenance man for the Lapeer Metal Stamping. Mr. Desmet informed SME that he had knowledge of the use of the building at the Property for the last eight years the building was occupied. He reported that 90 percent of the building use was for storage of old fixtures that were associated with the plates used in the stamping process and 10 percent was storage of old machinery and motors. Mr. Desmet indicated that machinery and motor storage was primarily on the east side of the building, which corresponds to an area of observed staining on the floor of the building (see Section 6.4.7). The potential for environmental impact from storage of old machinery and motors on the eastern portion of the current warehouse building represents a suspect REC in connection with the Property.



8.0 FINDINGS, OPINIONS, AND CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-05 of the property located at 27 Union Street in the village of Sebewaing, Huron County, Michigan, (the Property). Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- SME observed oily staining on the floor in the eastern portion of the building. This was an area where old machinery and motors were stored (Sections 6.4.7, 7.3). In SME's opinion, the potential for impact from the release of hazardous substances and/or petroleum products in the building represents a REC in connection with the Property.
- A building situated on the western portion of the Property in 1951 was identified as an automobile repair shop. The eastern portion of the Property was used by the County Road Commission between 1938 and 1951 to store and possibly repair road machinery and trucks. The 1938 and 1951 historical fire insurance maps show that coal was stored near the southwestern Property boundary. Finally, portions of the Property historically contained railroad tracks (Section 5.4.2). In SME's opinion, the potential for a release of hazardous substances from the historic operations associated with the automobile repair shop, County Road Commission operations, railroad tracks, and the storage of coal represent RECs in connection with the Property.
- The Property was a portion of industrial facility located on the north adjoining site that operated from approximately 1959 through 2008 (Section 5.4.2). In SME's opinion, the potential for a release of hazardous substances from the historic operations associated the industrial use of the Property represent RECs in connection with the Property.
- The north adjoining site was operated as Sebewaing Industries from 1959 through 1999, Tower Automotive Technology Products from 1999 through 2002, and Lapeer Metal Stamping Sebewaing, LLC from 2005 to 2008. The Property was a portion of the north adjoining site until 2011 (Sections 4.3, 5.1, 5.4.3). Evaluation activities conducted at the north adjoining site and on the Property show that soil and groundwater contained volatile organic compounds (VOCs) and metals above MDEQ Part 201 cleanup criteria. The presence of contamination at the Property and the potential migration of hazardous substances and/or petroleum products onto the Property from the north adjoining site represent RECs in connection with the Property.

It is the EP's opinion that a site investigation be conducted to evaluate if contamination is still present at the Property and to evaluate if environmental contamination is associated with the identified REC(s).



Phase I Environmental Site Assessment Report 27 Union Street - Sebewaing, Michigan

SME identified several data gaps in connection with this Phase I ESA, which consisted of not being able to determine specific usage of the Property prior to 1895, from 1901 through 1909, from 1909 through 1926, from 1926 to 1938, from 1938 through 1951, and from 1951 through 1959. SME was also unable to obtain an Owner/Occupant Questionnaire or to interview the current owner of the Property. Based on the available historical documents reviewed during the course of this Phase I ESA and the interview with Mr. Bill Desmet the former maintenance man for the north adjoining site, SME was able to identify RECs associated with the Property and does not feel that the data gaps impaired our ability to identify RECs in connection with the Property.

SME identified no limitations in connection with this Phase I ESA.



9.0 DEVIATIONS

No deviations occurred as part of this Phase I ESA.

10.0 ADDITIONAL SERVICES

No additional services were provided in conjunction with this Phase I ESA.

11.0 REFERENCES

ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, November 1, 2005.



12.0 GENERAL COMMENTS

SME conducted this Phase I ESA to identify RECs in connection with the Property and to assess the relative significance of the identified RECs. The findings, opinions, conclusions, and recommendations presented in this report are based upon observations noted during the site visit, and information obtained during the performance of the scope of services on the dates indicated. In the process of obtaining the field and historical information in preparation of this report, procedures were followed that represent reasonable and accepted environmental practices and principles, in a manner consistent with that level of care and skill ordinarily exercised by members of these professions currently practicing under similar conditions. Records reviewed at various locations as identified within the text of this report, include only those records that were provided to SME by the referenced department on the date indicated. As such, the records provided to SME may not represent all records available at a given source. Appropriate inquiry was made into the past uses of the Property consistent with good commercial or customary practice. As is typical with Phase I ESAs, SME conducted no testing or subsurface evaluation for this assessment.

Due to unknown or latent conditions on the Property, or on adjacent or nearby properties, which may become evident in the future, SME does not represent the Property is free of contamination or hazardous waste material. It should also be noted the Property conditions may change over time. Should additional surface, subsurface, chemical, or other data become available after the date of issue of this report, the findings, conclusions and recommendations contained in this report may have to be modified. SME should be retained to review the new information and adjust our opinion and recommendations accordingly.

All reports, field data, field notes, laboratory test data, calculations, estimates and other documents prepared by SME as instruments of service are the property of SME. No parties other than those specifically identified in this report may rely upon SME's opinions, conclusions or reports unless SME has agreed to such reliance in writing. In any event, any reliance will be subject to the terms and conditions set forth in the contractual agreement under which this work was performed.



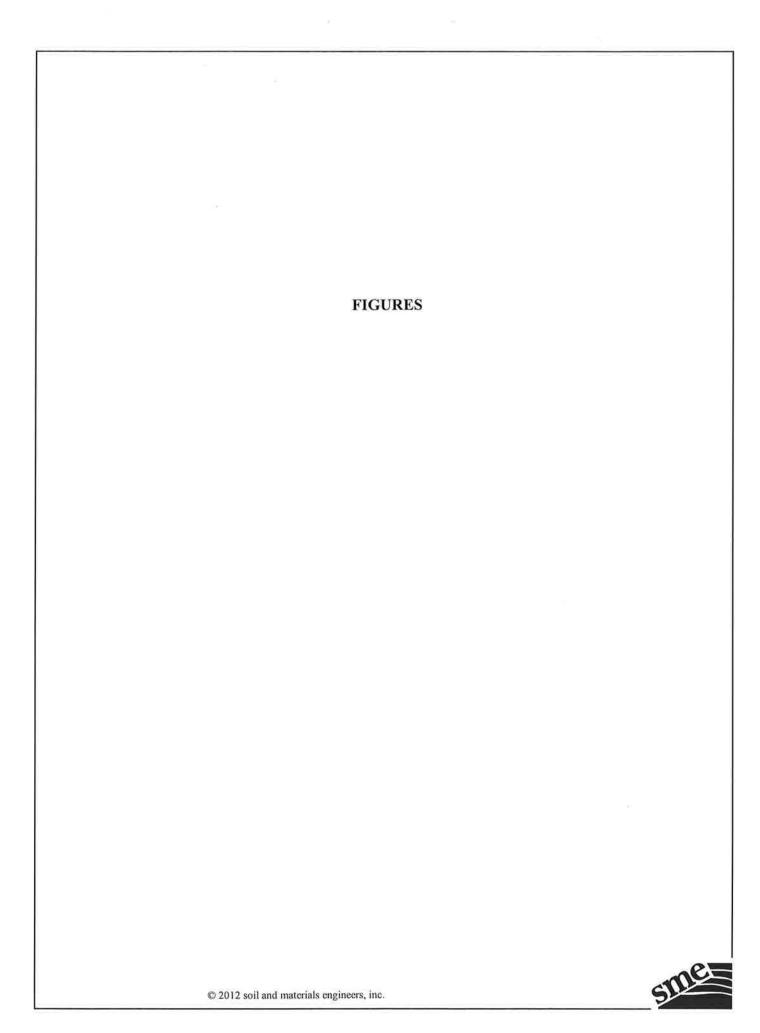
SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

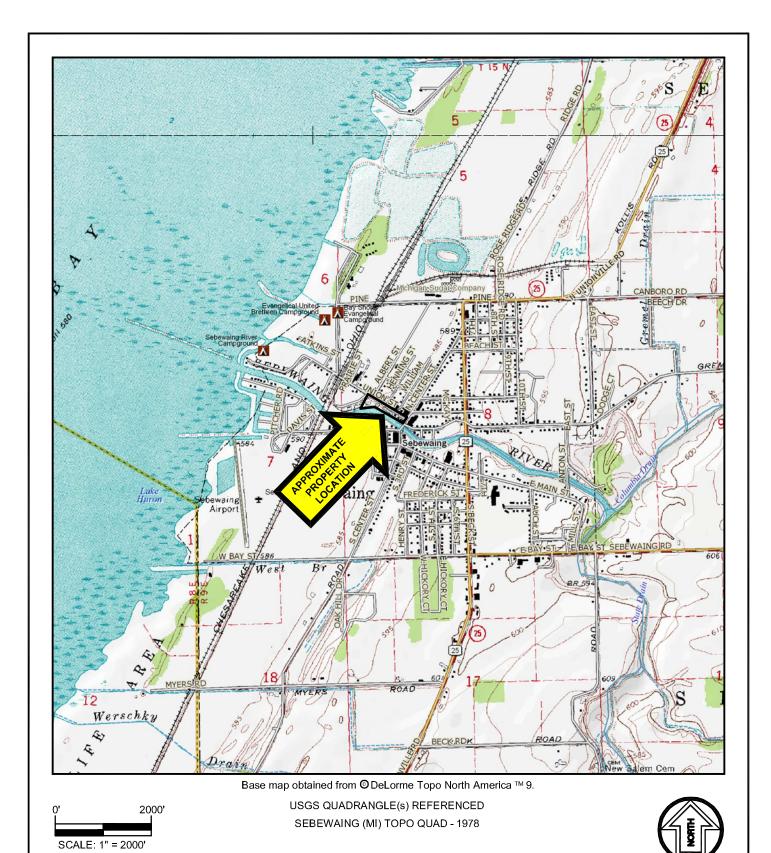
The Environmental Professional responsible for the conduct of this Phase I ESA was Mr. Brian C. Berger, P.E. The site reconnaissance and interviews were performed by Mr. Jeremy N. Efros. The report was reviewed by Mr. Berger and Keith Egan, Ohio CP#259. Resumes of Messrs. Efros, Berger, and Egan are attached in Appendix E.

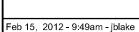
I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Brian C. Berger, P.E.

Project Engineer







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SME

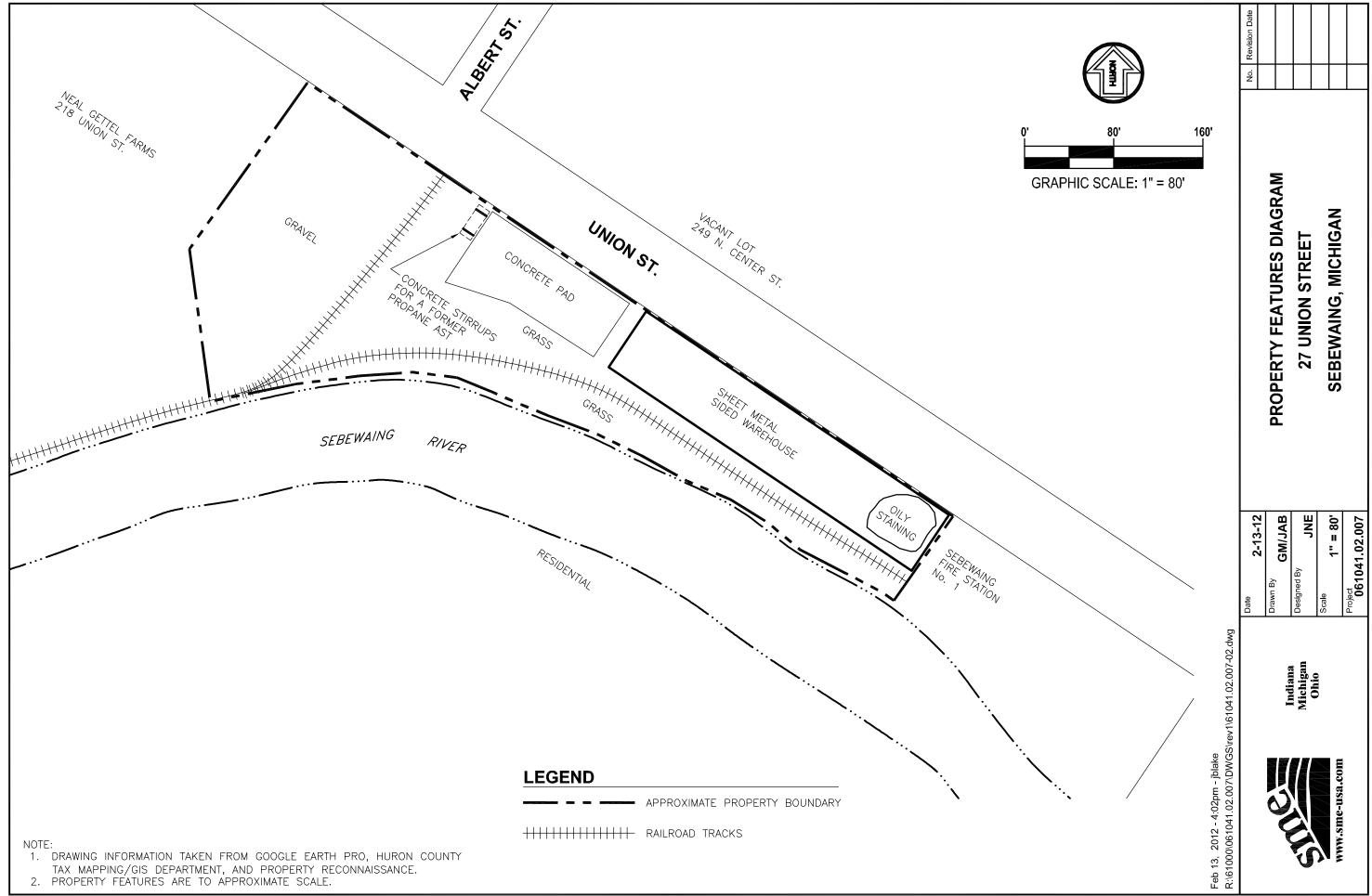
Indiana Michigan Ohio
 Date
 02-15-12

 Drawn By
 GM/JAB

 Scale
 1" = 2000'

 Project 061041.02.007

PROPERTY LOCATION MAP 27 UNION STREET SEBEWAING, MICHIGAN



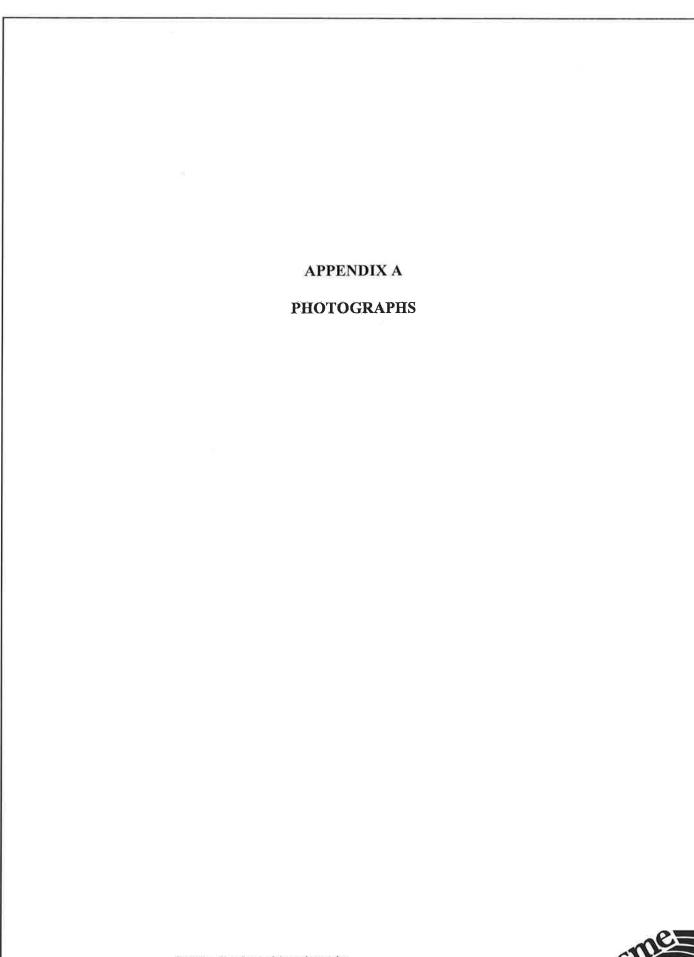




PHOTO NO. 1: Property overview photograph (viewing southeast).



PHOTO NO. 2: Gravel covered land located on the western portion of the Property (viewing east).

SME Project Number:061041.02.007Photograph by:Jeremy N. EfrosDate:January 17, 2012Project:27 Union StreetLocation:Sebewaing, Michigan



PHOTO NO. 3: A view of the back of the building on the eastern portion of the Property (viewing northeast).



PHOTO NO. 4: Railroad ties located on the western portion of the Property (viewing north-northeast).

SME Project Number:	061041.02.007
Photograph by:	Jeremy N. Efros
Date:	January 17, 2012
Project:	27 Union Street
Location:	Sebewaing, Michigan



PHOTO NO. 5: Railroad ties south of the building (viewing west-northwest).



PHOTO NO. 6: Oily staining on the floor at the east end of the building (viewing east).

SME Project Number:	061041.02.007
Photograph by:	Jeremy N. Efros
Date:	January 17, 2012
Project:	27 Union Street
Location:	Sebewaing, Michigan



PHOTO NO. 7: Concrete pad located west of the building (viewing west).



PHOTO NO. 8: Neal Gettle Farms, the west adjoining site (viewing west).

SME Project Number:061041.02.007Photograph by:Jeremy N. EfrosDate:January 17, 2012Project:27 Union StreetLocation:Sebewaing, Michigan



PHOTO NO. 9: Vacant concrete covered lot, the north adjoining site (viewing northeast).



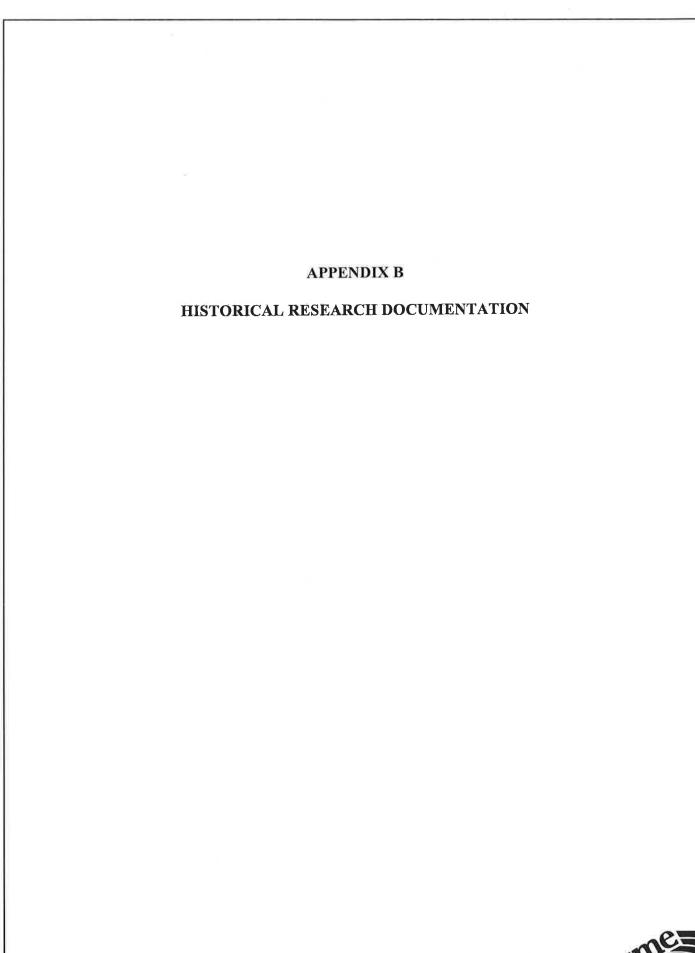
PHOTO NO. 10: Sebewaing Fire Station No. 1, the east adjoining site (viewing northeast).

SME Project Number:	061041.02.007
Photograph by:	Jeremy N. Efros
Date:	January 17, 2012
Project:	27 Union Street
Location:	Sebewaing, Michigan



PHOTO NO. 11: The Sebewaing River and residential homes, the south adjoining sites (viewing south).

SME Project Number:061041.02.007Photograph by:Jeremy N. EfrosDate:January 17, 2012Project:27 Union StreetLocation:Sebewaing, Michigan





39-008-073-00 Property Class: 201 Map #: 25 08 162 010

2012 Est. T.C.V. Printed 01/17/2012 Unit '23'

249 NORTH CENTER STREET, LLC UNION STREET SEBEWAING, MI 48759

>>>>>

BEG AT A PT WHERE THE W L OF WILLIAMS ST EXTENDED S'LY WOULD INTERSECT S L UNION STREET TH N 59 DEG W 679.70' TH S 31 DEG W 183' TH S 11 DEG W 138' TH N 69 DEG E ALG C L SEBEWAING RIVER 57.07' TH CONTI NE ALG SD C L SD RIVER TO A PT 120' S 30 DEG W OF INTERSC OF S L UNION STREET & W L WILLIAMS ST EXTENDED TH N 30 DEG E 120' TO POB. 1.845 A.

Land Value Es	stimates fo	r Land	Table VILL.VIL	LAGE COMMERCIAL DOWNTOWN	
* Factors *					
Description				Rate %Adj. Reason 50 100 F1 TO F06 96	Value
Flat Value:	0.00	50.00	1.0000 2.0000		23,000
		0.00	Total Acres	Total Est. Land Value =	23,000

Cost Estimates for Commercial/Industrial Building/Section: Built 0

Costs are taken from the Shed, Utility, 4 Wall cost schedules. Calculator Cost Computations <<<<<

Quality: Good Percent Adj: +0 Class: C

Base Rate for Upper Floors = 24.25

Adjusted Square Foot Cost for Upper Floors = 24.25

Number of Stories Multiplier: 1.000 0 Stories Height per Story Multiplier: 0.960 Average Height per Story: 0 Perim. Multiplier: 1.000 Perimeter: 0 Ave. Floor Area:

Refined Square Foot Cost for Upper Floors: 23.28

County Multiplier: 1.21, Final Square Foot Cost for Upper Floors = 28.169

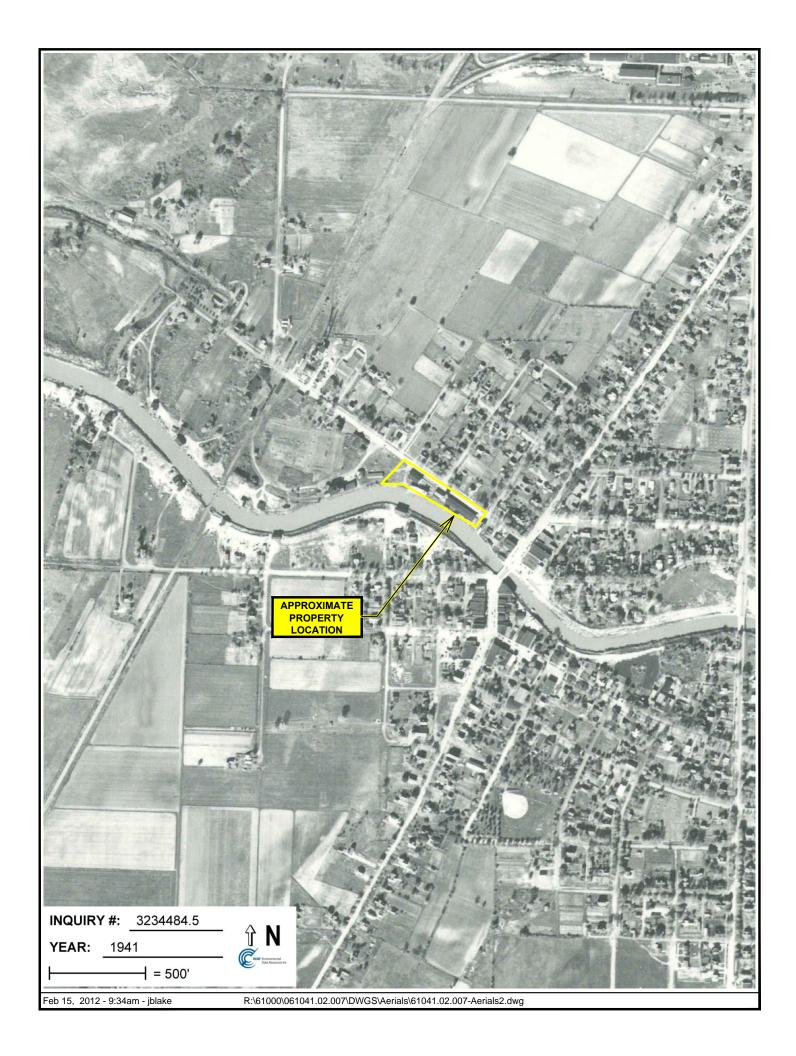
260,280 Base Cost New of Upper Floors = Total Floor Area: 9,240

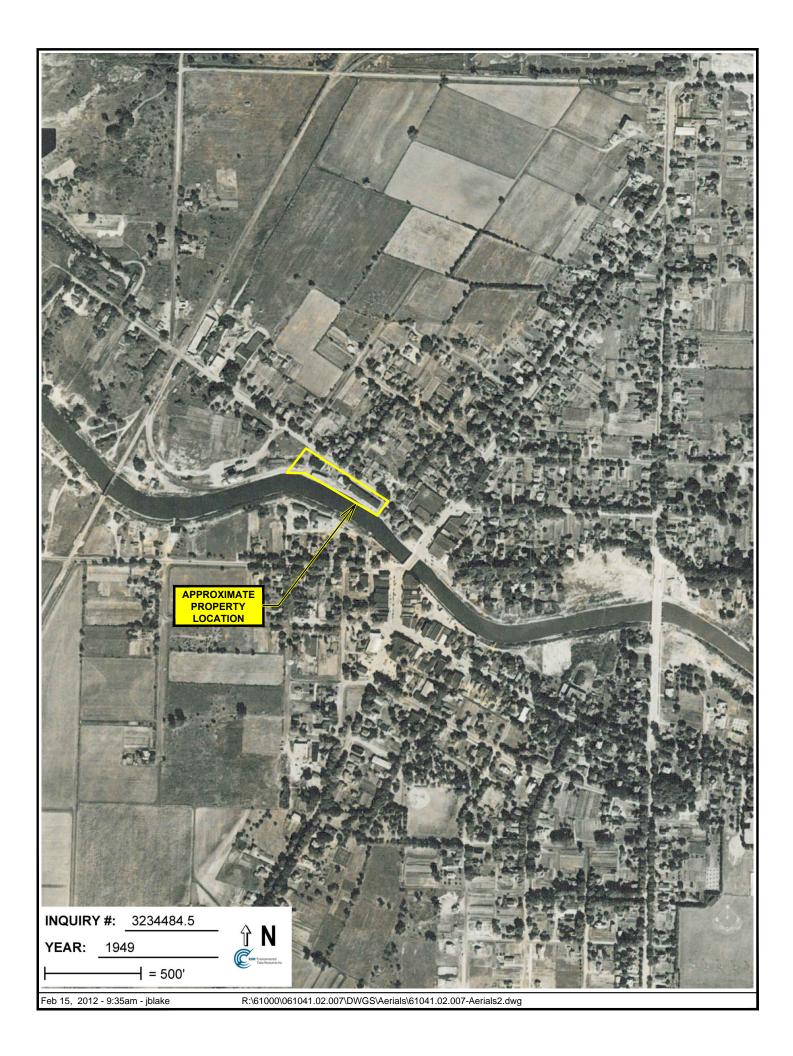
Reproduction/Replacement Cost = 260,280 Phy.%Good/Abnr.Phy./Func./Econ./Overall %Good: 40 /100/40 /25 /4.0 Eff.Age:53

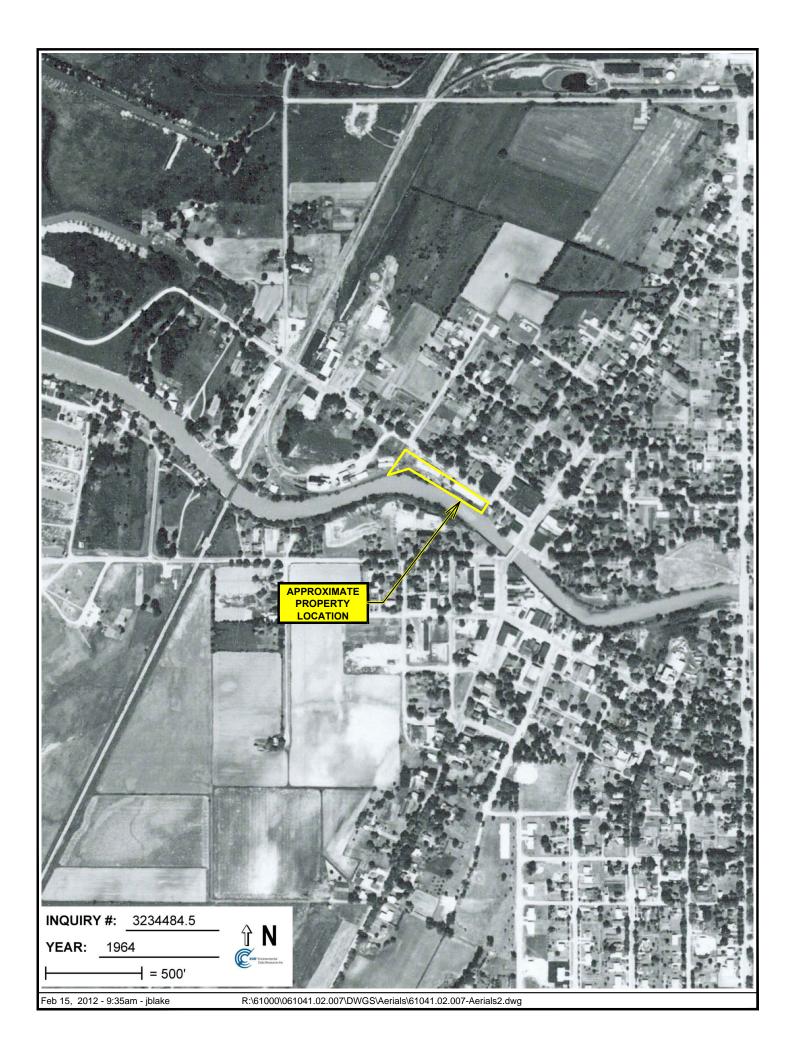
Total Depreciated Cost = 10,411

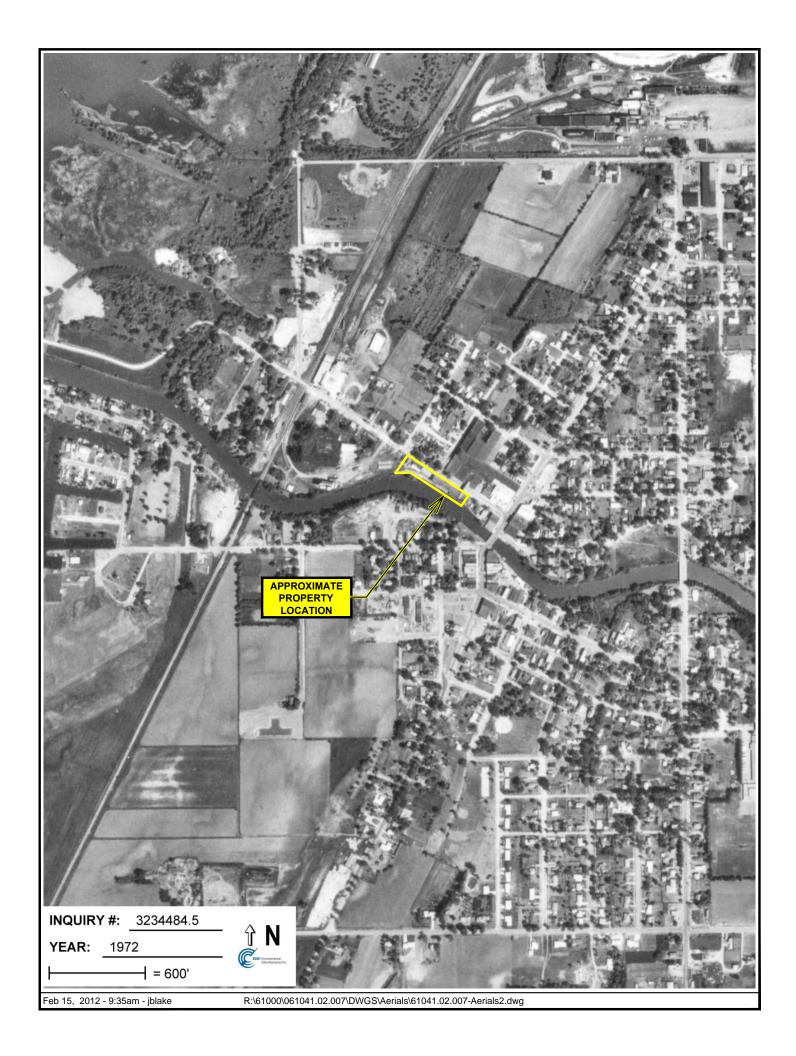
7,736 $0.743 \Rightarrow TCV \text{ of Bldg: } 1 =$ ECF (VILLAGE COMMERCIAL) Est. TCV/Floor Area= 0.84 Replacement Cost/Floor Area = 28.17

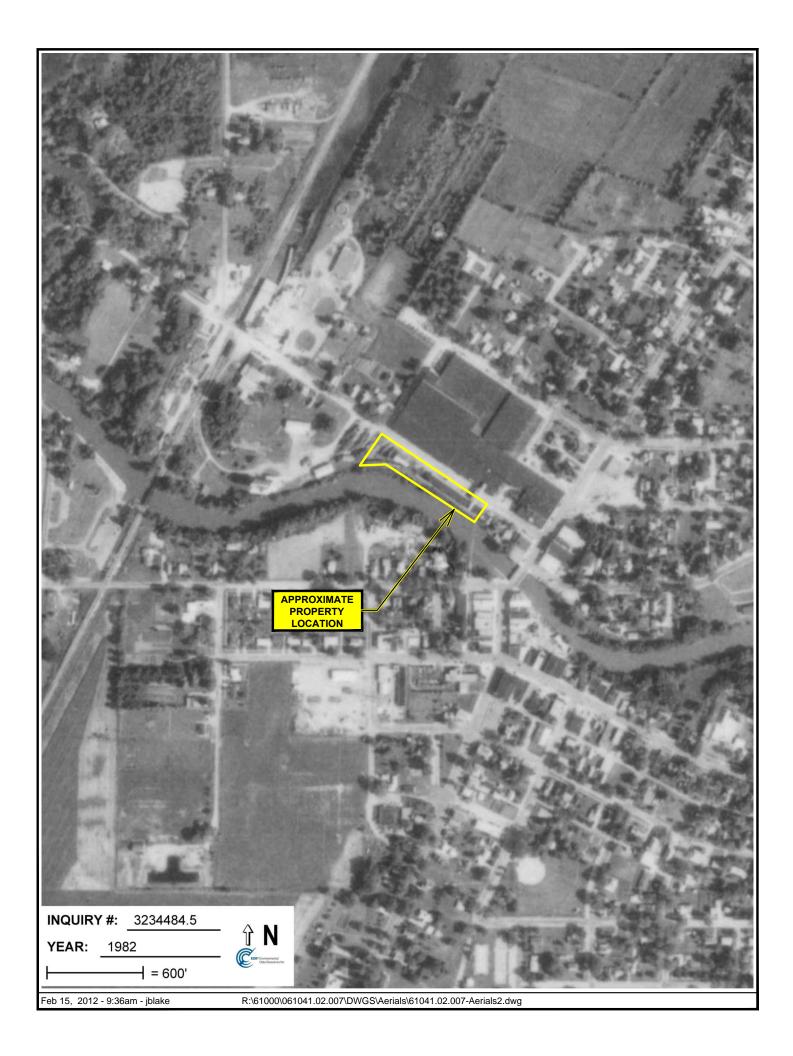
Total Estimate	d True Cash Val	lue of Comme	ercial/Industrial	Buildings =	7,736
2012 Est T.C.	V. 39-008-073-0	00			30,736
Est. TCV/Total 2011 Assessed		3.33, Most S.E.V. 11,500	recent sale 11/1 Base for Cap 11,500	15/2011 for C.P.I. 2.70	
11,500 2012 New	Eq. Adjustment		Additions	Tax Adjustment 3,900	Losses
2012 Assessed 15.400	MBOR 15,400	S.E.V. 15,400	Capped 11,810	->Taxable<- 15,400	PRE/MBT

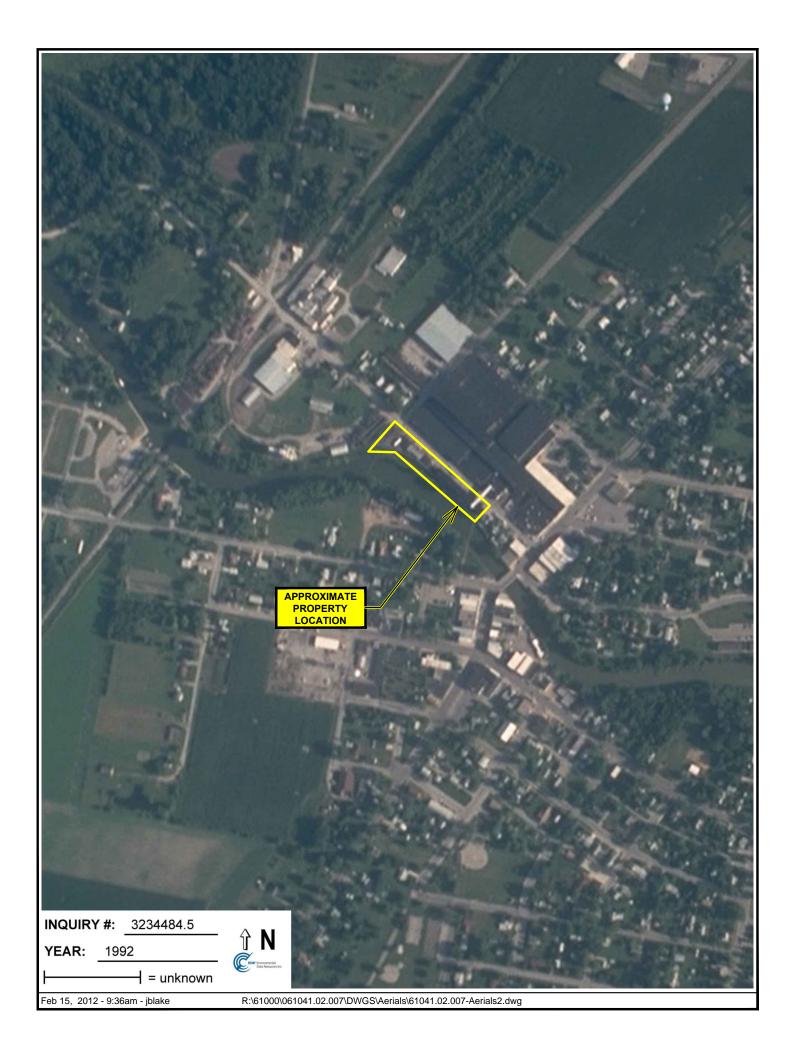




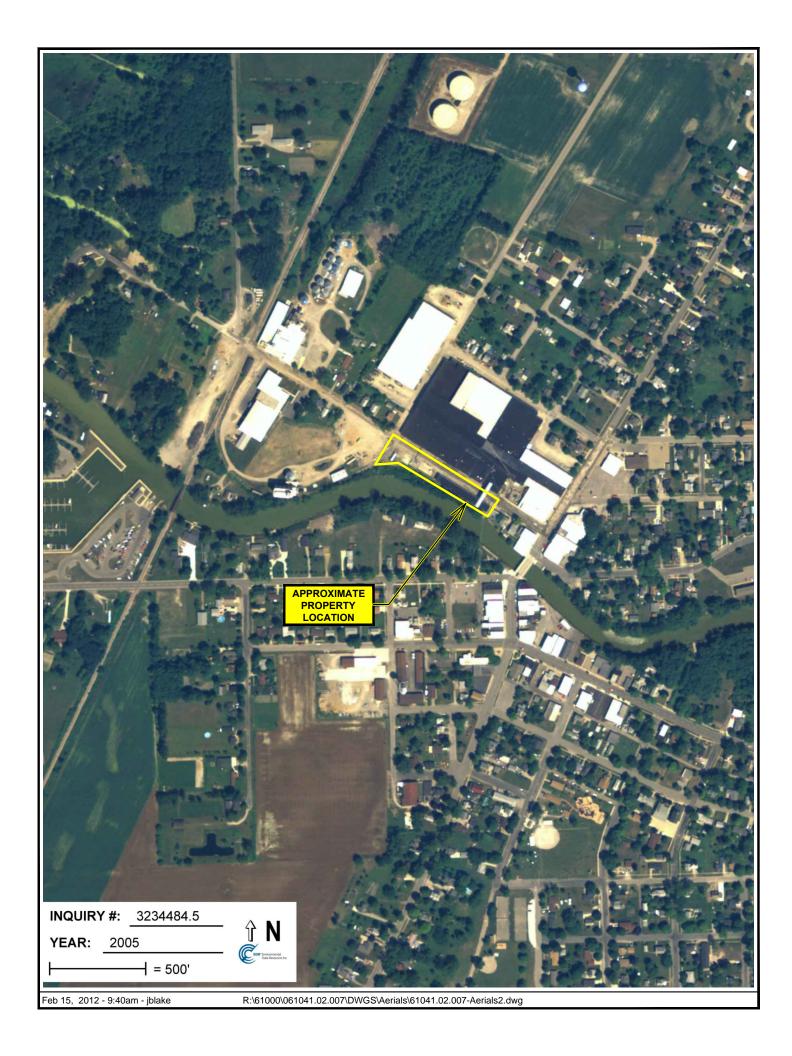


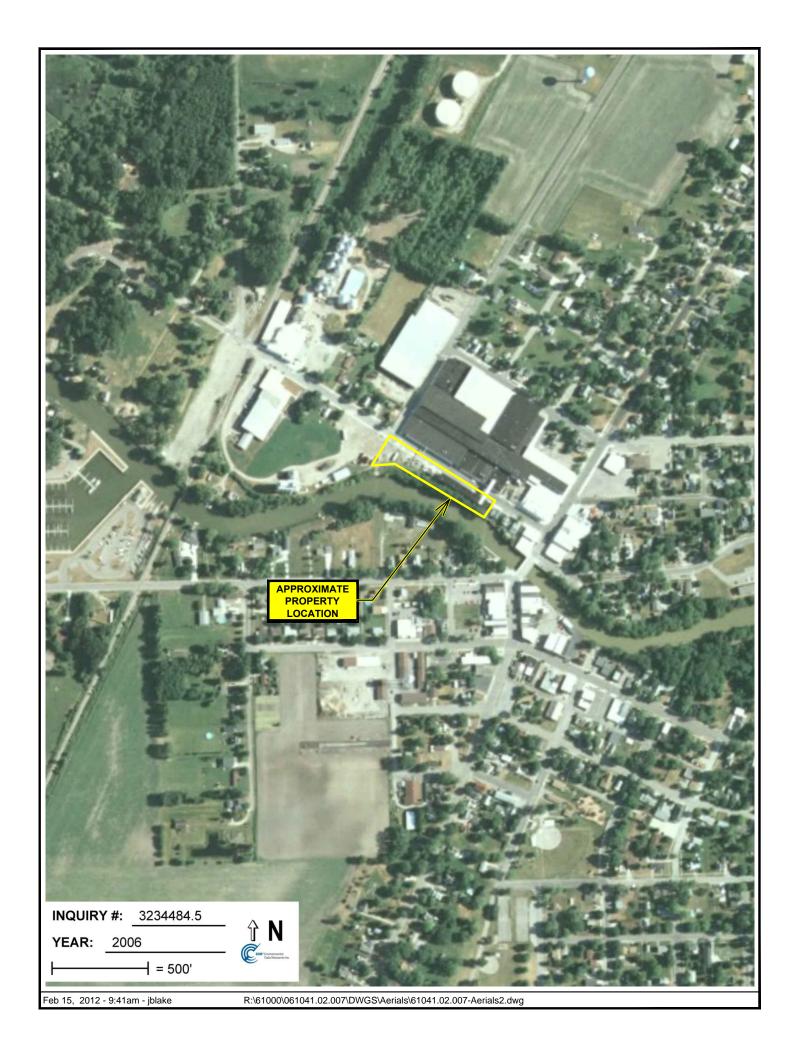


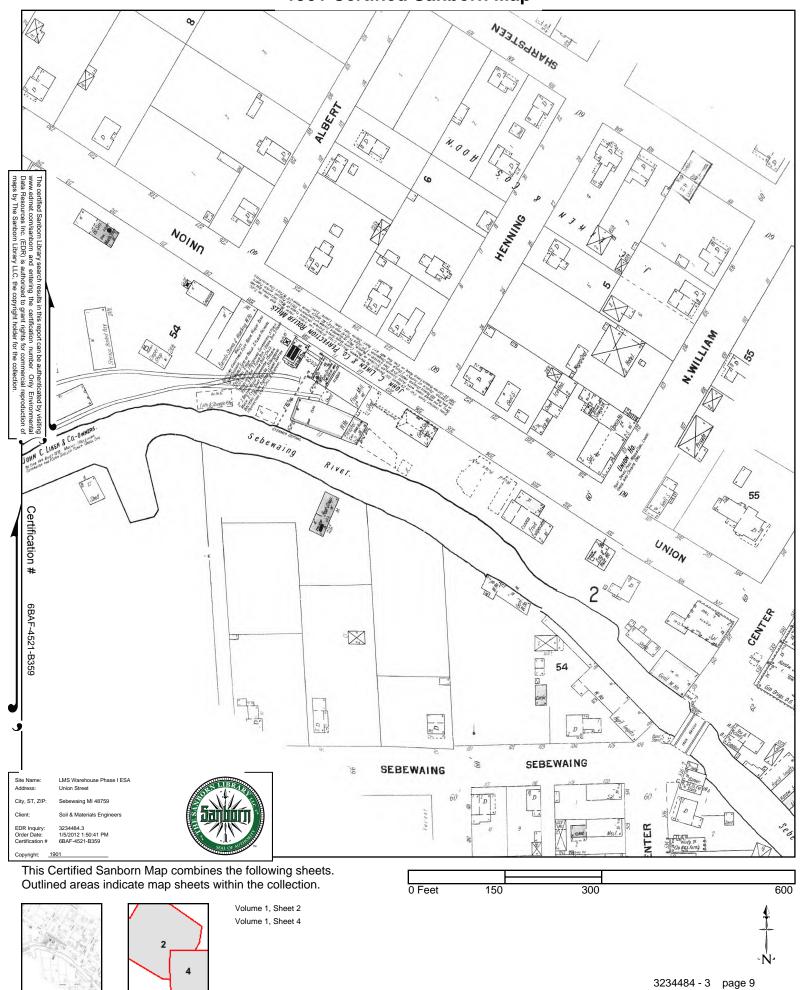


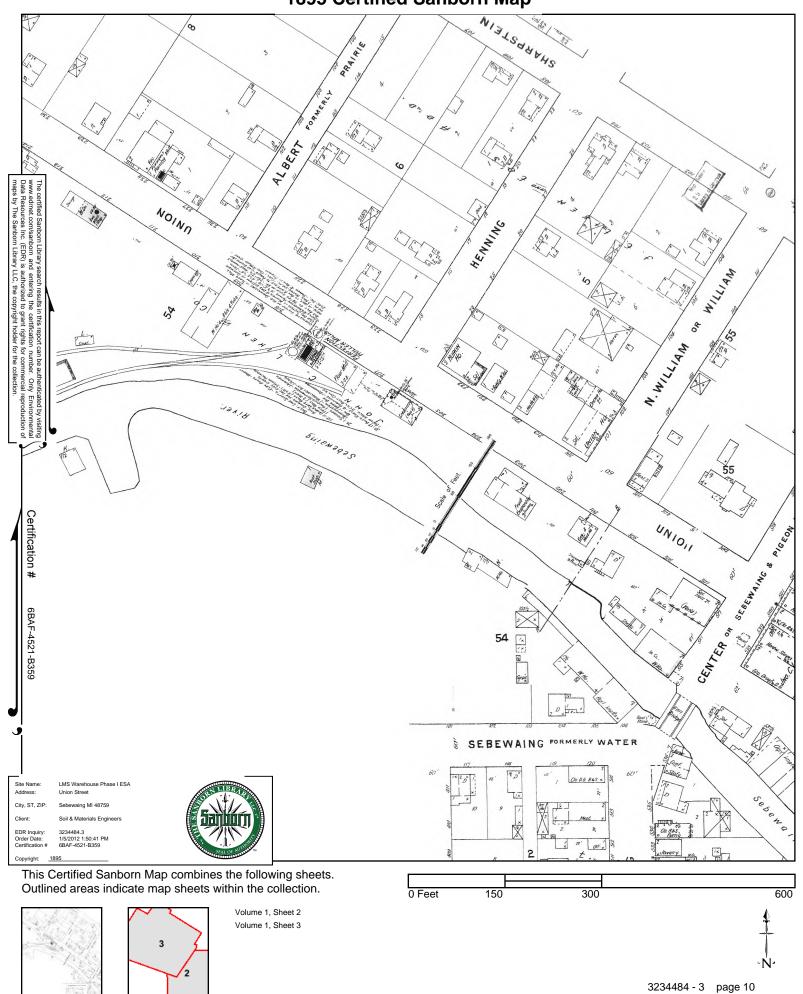












LMS Warehouse Phase I ESA

Union Street Sebewaing, MI 48759

Inquiry Number: 3234484.3

January 05, 2012

Certified Sanborn® Map Report



Certified Sanborn® Map Report

1/05/12

Site Name: Client Name:

LMS Warehouse Phase I ESA Union Street

Sebewaing, MI 48759

Soil & Materials Engineers 43980 Plymouth Oaks Plymouth, MI 48170

EDR Inquiry # 3234484.3 Contact: Jeremy Efros



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Soil & Materials Engineers were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: LMS Warehouse Phase I ESA

Address: Union Street

City, State, Zip: Sebewaing, MI 48759

Cross Street:

P.O. # 061041.02.007

Project: LMS Warehouse Phase I ESA

Certification # 6BAF-4521-B359

Maps Provided:

1951

1938

1926

1909

1901 1895 1.02.007

Varehouse Phase I ESA

4521-B359

The Oathers Library search results Certification # 6BAF-4521-B359

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866^{TM}

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Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1951 Source Sheets







Volume 1, Sheet 2

Volume 1, Sheet 3

Volume 1, Sheet 4

1938 Source Sheets







Volume 1, Sheet 2

Volume 1, Sheet 3

Volume 1, Sheet 4

1926 Source Sheets







Volume 1, Sheet 2

Volume 1, Sheet 3

Volume 1, Sheet 4

1909 Source Sheets







Volume 1, Sheet 2

Volume 1, Sheet 3

Volume 1, Sheet 6

1901 Source Sheets





Volume 1, Sheet 2

Volume 1, Sheet 4

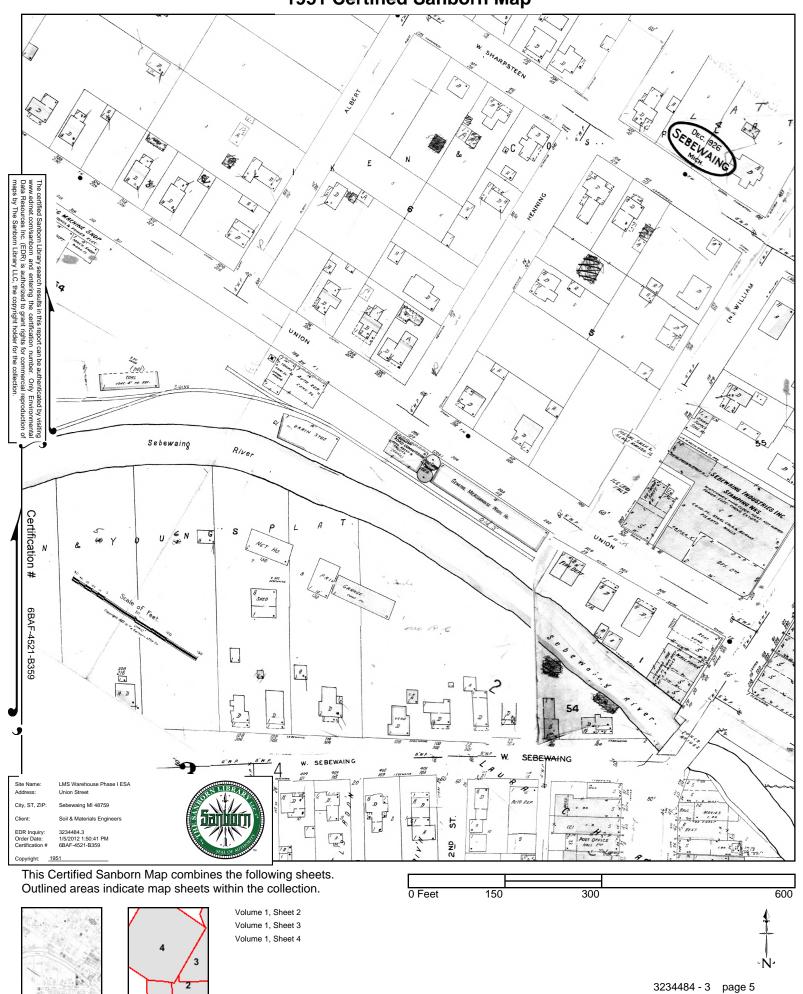
1895 Source Sheets

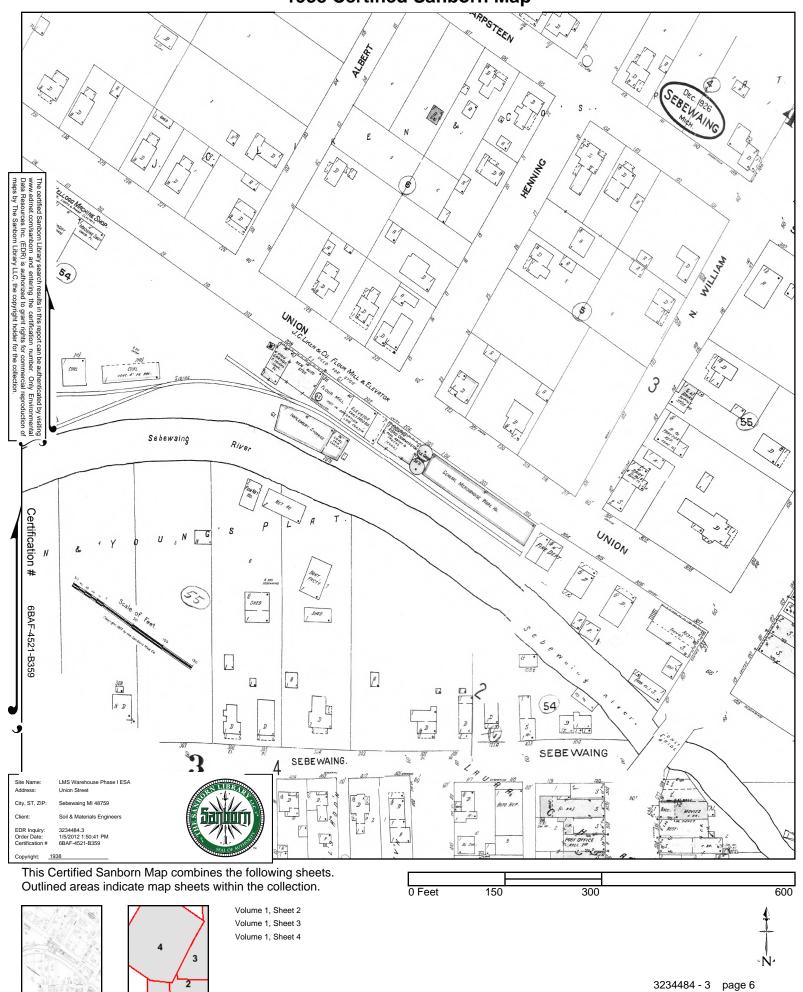


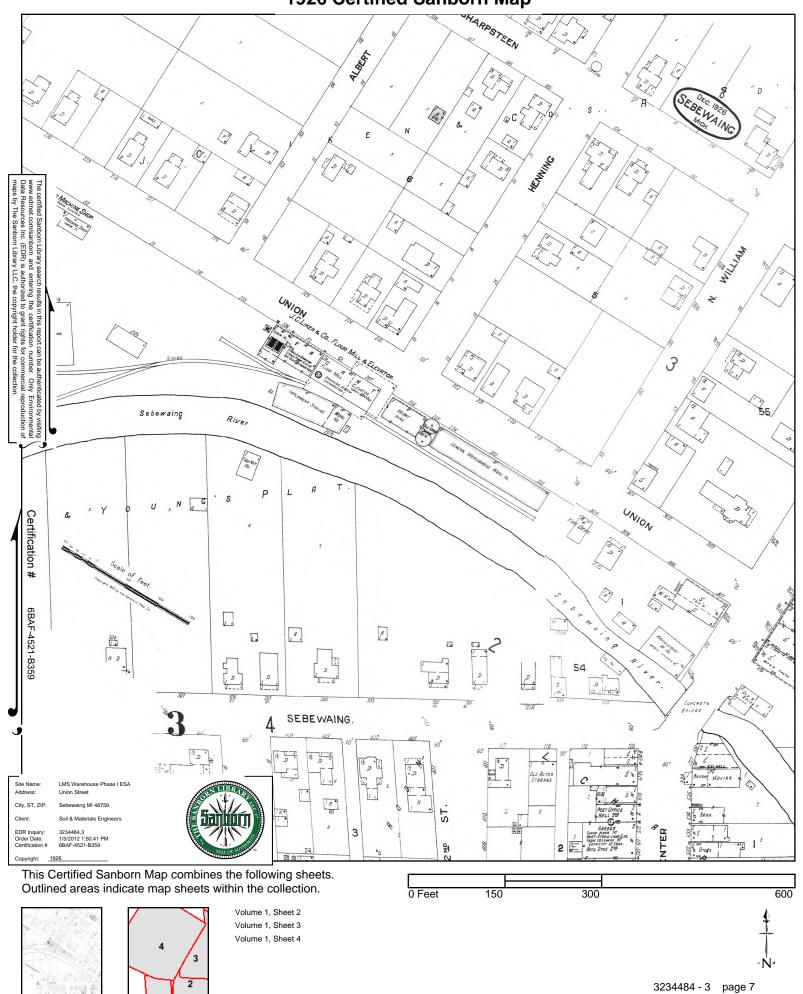


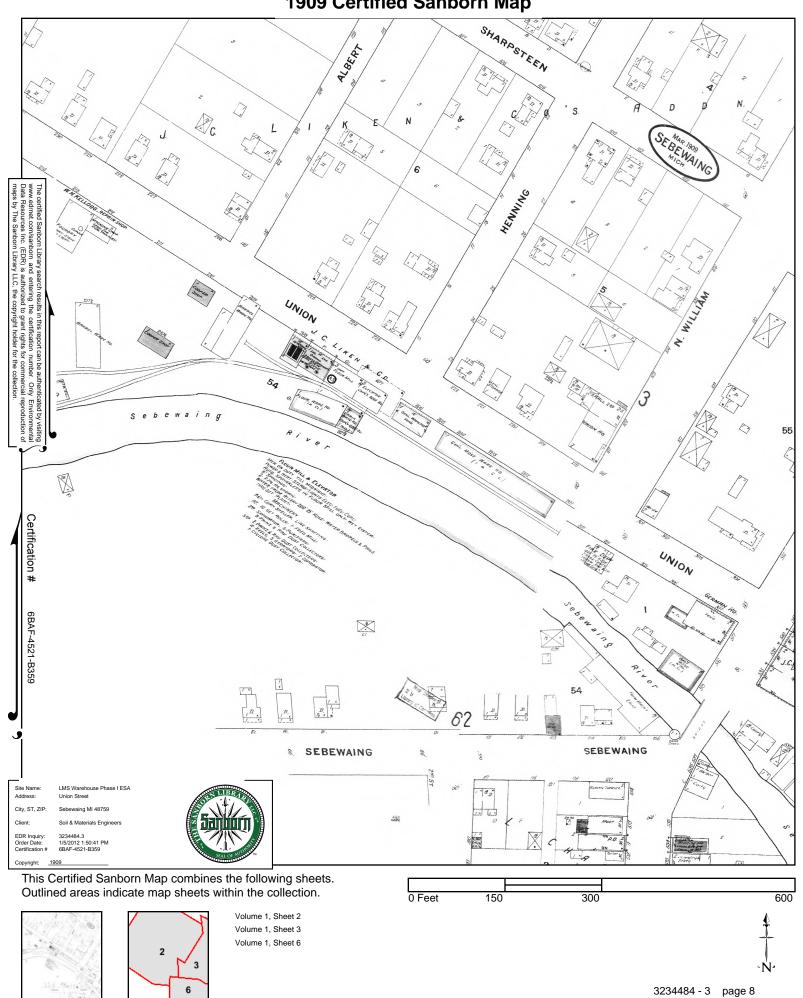
Volume 1, Sheet 2

Volume 1, Sheet 3









LMS Warehouse Phase I ESA

Union Street Sebewaing, MI 48759

Inquiry Number: 3234484.4

January 05, 2012

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050 with any questions or comments.

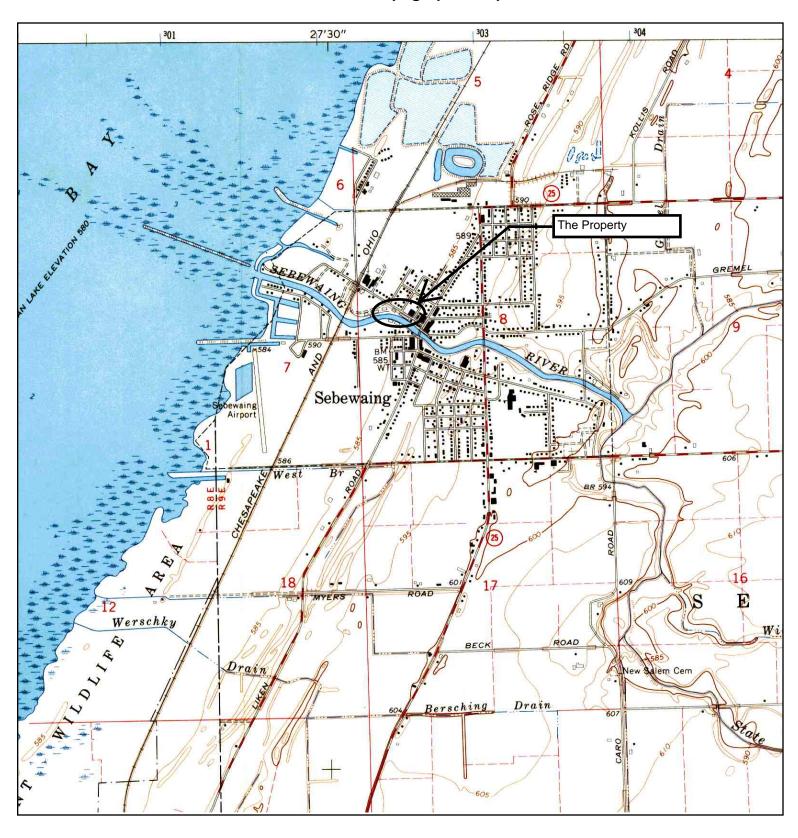
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Historical Topographic Map





TARGET QUAD

NAME: SEBEWAING

MAP YEAR: 1963

SERIES: 7.5 SCALE: 1:24000 SITE NAME: LMS Warehouse Phase I

ESA

ADDRESS: Union Street

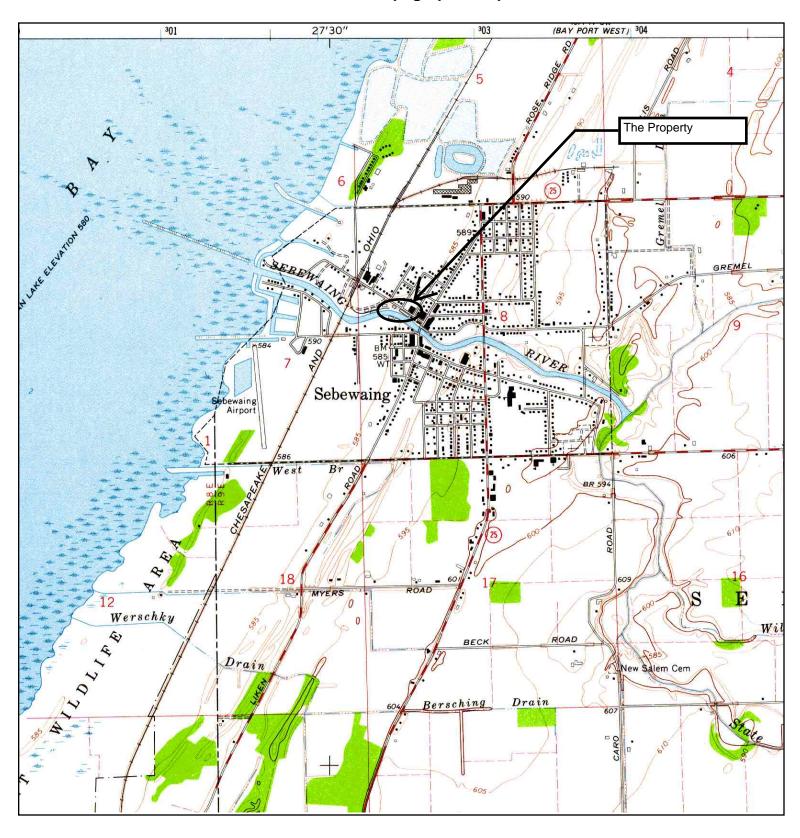
Sebewaing, MI 48759

LAT/LONG: 43.7345 / -83.4526

CLIENT: Soil & Materials Engineers

CONTACT: Jeremy Efros INQUIRY#: 3234484.4 RESEARCH DATE: 01/05/2012

Historical Topographic Map





TARGET QUAD

NAME: SEBEWAING

MAP YEAR: 1978

PHOTOINSPECTED FROM: 1963

SERIES: 7.5 SCALE: 1:24000 SITE NAME: LMS Warehouse Phase I

ESA

ADDRESS: Union Street

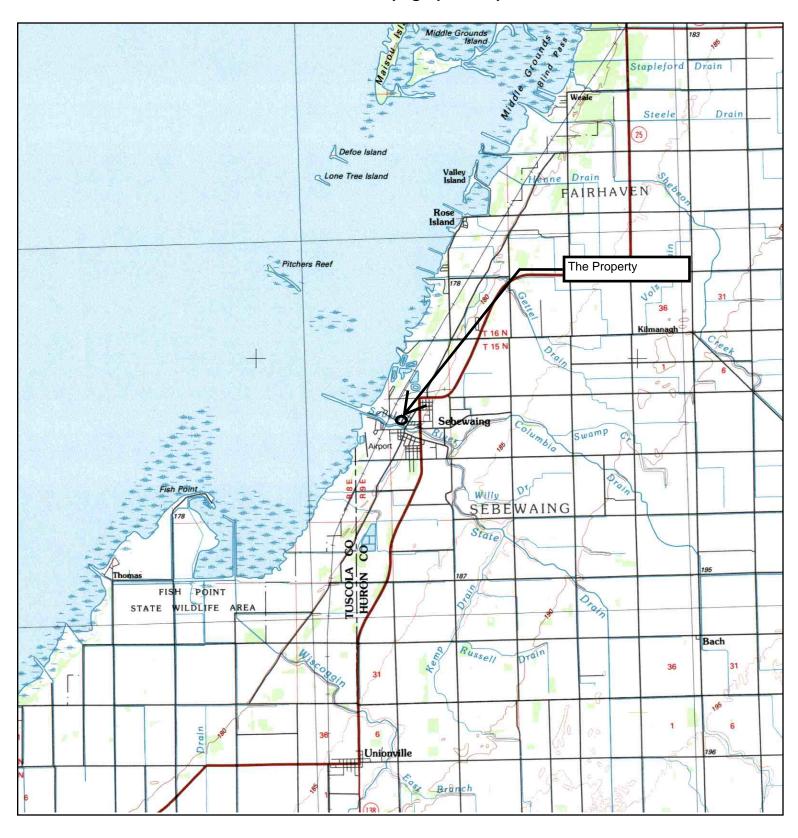
Sebewaing, MI 48759

LAT/LONG: 43.7345 / -83.4526

CLIENT: Soil & Materials Engineers

CONTACT: Jeremy Efros INQUIRY#: 3234484.4 RESEARCH DATE: 01/05/2012

Historical Topographic Map





TARGET QUAD

NAME: **BAY CITY** MAP YEAR: 1984

SERIES:

30 SCALE: 1:100000 SITE NAME: LMS Warehouse Phase I

ESA

ADDRESS: **Union Street**

LAT/LONG:

Sebewaing, MI 48759 43.7345 / -83.4526

CLIENT: Soil & Materials Engineers

CONTACT: Jeremy Efros INQUIRY#: 3234484.4 RESEARCH DATE: 01/05/2012

LMS Warehouse Phase I ESA

Union Street Sebewaing, MI 48759

Inquiry Number: 3234484.6

January 09, 2012

The EDR-City Directory Image Report



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Thank you for your business.Please contact EDR at 1-800-352-0050 with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>TP</u>	<u>Adjoining</u>	<u>Source</u>
2010			Hill-Donnelly Criss-Cross Directory
2006		$\overline{\checkmark}$	Hill-Donnelly Criss-Cross Directory
2002		lacksquare	Hill-Donnelly Criss-Cross Directory
1998		lacksquare	Hill-Donnelly Criss-Cross Directory
1994		lacksquare	Hill-Donnelly Criss-Cross Directory
1990			Hill-Donnelly Criss-Cross Directory
1987			Hill-Donnelly Criss-Cross Directory

RECORD SOURCES

EDR is licensed to reproduce certain City Directory works. Reproduction of City Directories without permission of the publisher may be a violation of copyright.



FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

Union Street Sebewaing, MI 48759

TARGET PROPERTY FINDINGS

No Addresses Found

FINDINGS

ADJOINING PROPERTY DETAIL

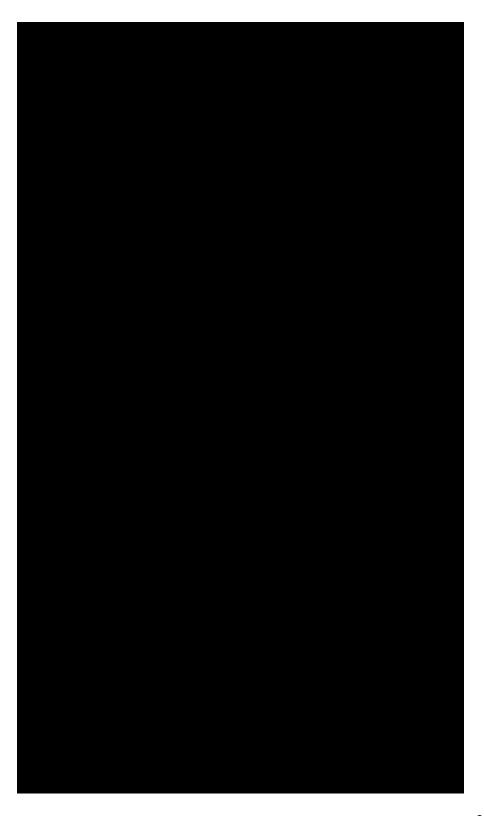
Union Street

Union Street <u>Year</u>	<u>CD Image</u>	<u>Source</u>	
2010	pg. A1	Hill-Donnelly Criss-Cross Directory	
	pg. A2	Hill-Donnelly Criss-Cross Directory	
2006	pg. A3	Hill-Donnelly Criss-Cross Directory	
	pg. A4	Hill-Donnelly Criss-Cross Directory	
2002	pg. A5	Hill-Donnelly Criss-Cross Directory	
1998	pg. A6	Hill-Donnelly Criss-Cross Directory	
	pg. A7	Hill-Donnelly Criss-Cross Directory	
1994	pg. A8	Hill-Donnelly Criss-Cross Directory	
1990	-	Hill-Donnelly Criss-Cross Directory	Street not Listed In Research Source
1987	-	Hill-Donnelly Criss-Cross Directory	Street not Listed In Research Source

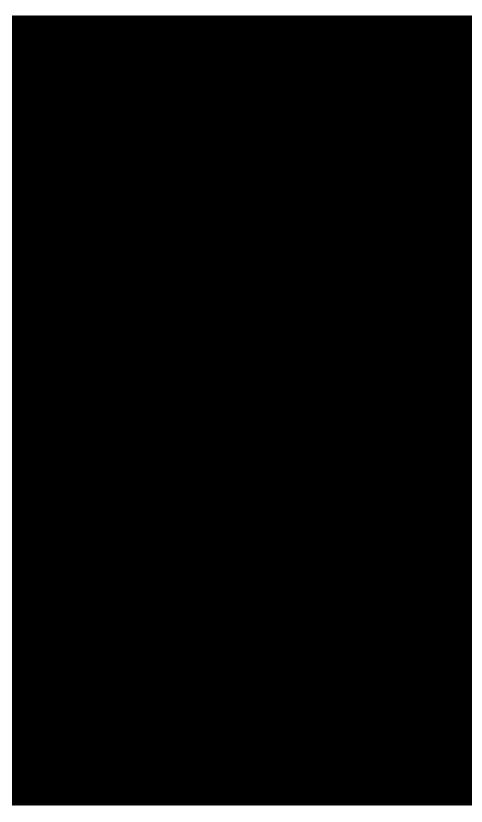
3234484-6 Page 3



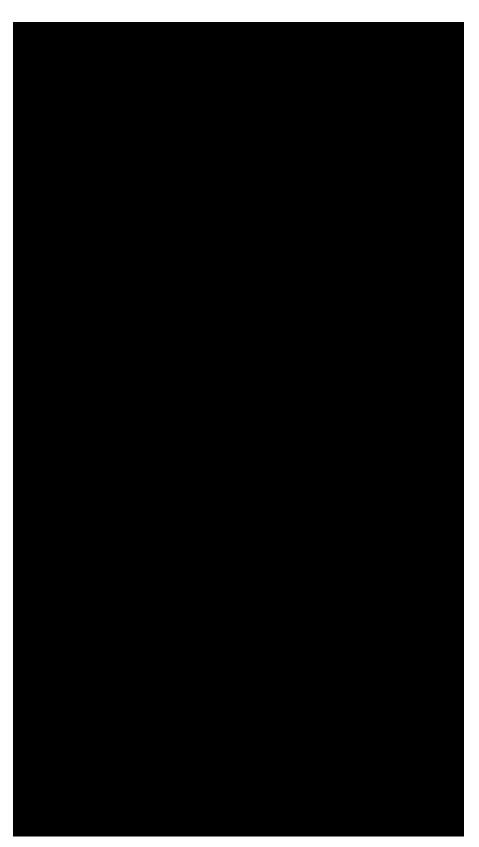
Street:YearTPAdjoiningSourceUnion Street2010-✓Hill-Donnelly Criss-Cross



Street:YearTPAdjoiningSourceUnion Street2010-✓Hill-Donnelly Criss-Cross



Street:YearTPAdjoiningSourceUnion Street2006-✓Hill-Donnelly Criss-Cross



Street:YearTPAdjoiningSourceUnion Street2006-✓Hill-Donnelly Criss-Cross



Street:YearTPAdjoiningSourceUnion Street2002-✓Hill-Donnelly Criss-Cross



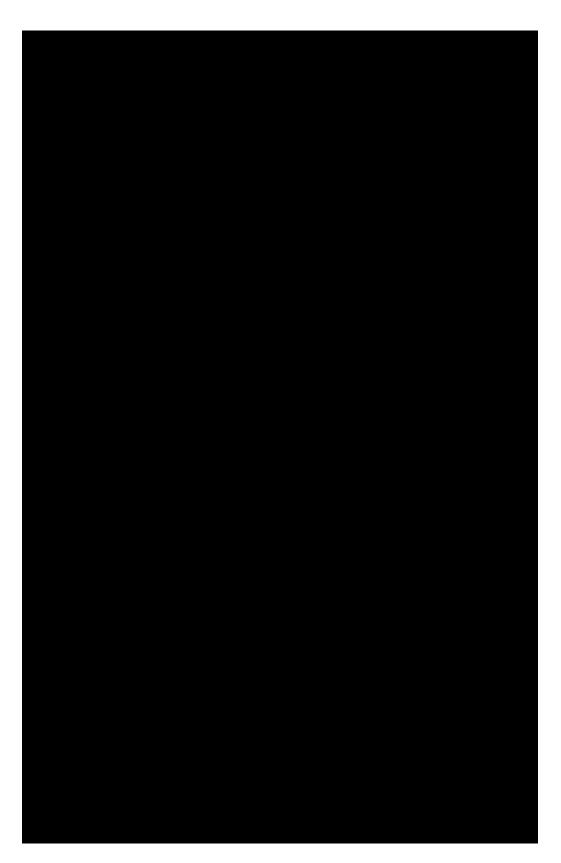
Street:YearTPAdjoiningSourceUnion Street1998-✓Hill-Donnelly Criss-Cross



Street:YearTPAdjoiningSourceUnion Street1998-✓Hill-Donnelly Criss-Cross



Street:YearTPAdjoiningSourceUnion Street1994-✓Hill-Donnelly Criss-Cross



APPENDIX C

INTERVIEW DOCUMENTATION USER QUESTIONNAIRE OWNER/OCCUPANT QUESTIONNAIRE



PHASE I ENVIRONMENTAL ASSESSMENT – ALL APPROPRIATE INQUIRY USER QUESTIONNAIRE

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the Brownfields Amendments to CERCLA), the User of a Phase I Environmental Site Assessment (ESA) must consider the issues discussed below as part of the User's All Appropriate Inquiry (AAI) to identify Recognized Environmental Conditions (RECs) associated with the Property. This information should be provided to the Environmental Professional conducting the Phase I ESA so that a complete report can be issued.

The User may decide not to provide this information to the Environmental Professional; however, the absence of the information will be noted in the Phase I ESA report and may affect assessment conclusions. Under these circumstances, it will be the User's responsibility to determine if the Phase I ESA results, combined with results from the tasks described below, is sufficient to satisfy the requirements of All Appropriate Inquiry as defined by federal statute and regulation.

Instructions:

- 1. Fill in all blanks.
- 2. Indicate "NA" (not applicable), if appropriate.
- 3. Attach additional pages with your signature if additional space is required.

Property Name: UNION STORAGE
Property Location: 27 UNION ST. SEBEWAING.
County: Huron State: U
Questionnaire Completed By/Title: MICHAEL WALZ
Company/ Phone Number: UNION STORAGE, 989-977-0963
On Behalf Of (if applicable): UNION STORAGE LLC
Planned Date of Purchase/Dease (circle one): Apv212, 2012
Time Period of Site Knowledge: MONTH

1. Reason for Phase I ESA

The User of the requested Phase I ESA must make the reason for the Phase I ESA known to the	
Environmental Professional. Otherwise, it must be assumed that the reason is to qualify for an LLI	P to
CERCLA liability. Please indicate the reason for this Phase I ESA of the Property.	

X	Due diligence/liability protection for purchase of the Property
	Due diligence/liability protection for lease of the Property
	Mortgage loan or refinance
	Foreclosure
	Other; explain

2. Recorded Environmental Cleanup Liens and Activity/Use Limitations

The User is responsible to ascertain, through personal knowledge and/or a review of reasonably ascertainable recorded land and judicial records, if any environmental liens have been filed on the Property and if any activity or use limitations (AULs) have been placed on the Property because of environmental impact. You may engage a title company or other capable professional to undertake the review of reasonably ascertainable records on your behalf.

Have you conducted, or arranged to have conducted, a review of land title records in which recorded liens and activity/use restrictions would be revealed?

	If yes, ple	Yes case specify who	No conducted the rev	view:		
If yes, please specify the types and locations of records reviewed:	If yes, ple	ase specify the t	types and location	s of records revie	ewed:	

If yes, explain briefly:

Based on your personal knowledge and reviews of title records, are you aware of any activity and/or use limitations, such as engineering controls, land use restrictions, or institutional controls, that are in place at the property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

☐ Yes X No

	Yes	No No
If	f yes, identify the land	use limitations/restrictions:
3. S ₁	pecialized Knowledge	and Experience
presence Specialize could rese environmenthe Proper	environmental contamed knowledge or experioult in environmental intental impact associated	experience of the User that could indicate, or create suspicion of, the ination on the Property must be considered as part of the AAI process. Hence includes familiarity with historic activities on the Property that inpact, personal knowledge or experience that would indicate a risk of d with past Property uses, knowledge of the environmental history of rmation that could indicate environmental impact or threat of operty.
		al site assessment, do you have any specialized knowledge or ty or adjoining properties?
	Yes 🗆	No
If	fyes, explain briefly: 2 ACTUMY	249 N. CENTER ST HAS HAD CLEAN UP
4. R	elationship of Purcha	se Price to Value
value to e	entice buyers to acquire s sale price is significated by the sale price, the potent	ontaminated properties often have been sold at prices below market the property, contamination, and resultant liabilities; therefore, if a ntly below market value without any obvious impairments or reasons ial for environmental impact as a cause of the reduced price must be
Does the property?		aid for this Property reasonably reflect the fair market value of the
	Yes 💢	No
		difference, can you identify the reason for the reduced price versus y be assumed to be contaminated.
X	Yes \square	No
If	yes, explain briefly: C	WRENT DWARN IS DEMOLITION COMPANY

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M.

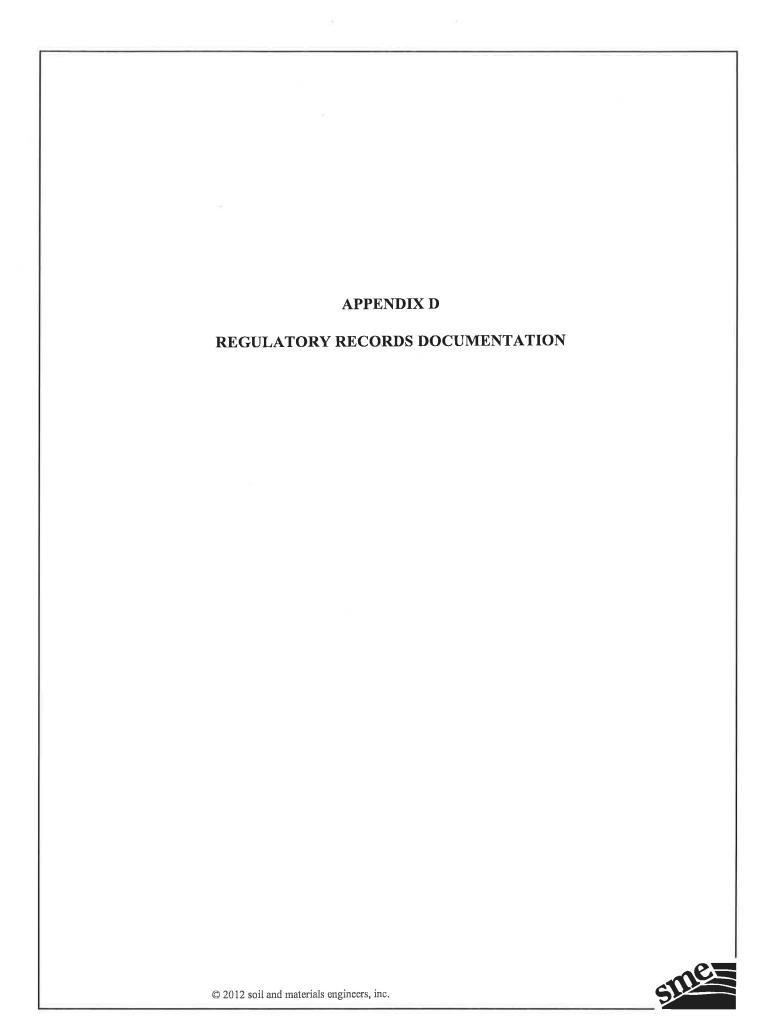
THAT MADE HIS MONEY ON SCRAP VALLE OF THE MAN BUILDING AND WANTS TO SELL THE PARCELS FAST.

5. Commonly Known or Reasonably Ascertainable Information

Have you become aware, through conversations, rumor, etc., of any commonly known or reasonably ascertainable information within the local community that would indicate the Property could be contaminated (e.g. types of past uses, presence of storage tanks, use of chemicals, environmental cleanups, etc.) or that any past event (e.g. fire, chemical spill, accident, etc.) could have resulted in environmental impact of the Property or adjoining properties.

	Yes 🗆 No
	If yes, explain briefly: 249 N. CENTOR HAS HAD CHAMUP ACTIVITY. THERE WAS A LARGE PROPER STRAGE THRESHED THE PROPER
6.	Proceedings Involving the Property
	you, the User of this environmental site assessment, based on your knowledge and experience ated to the property, have any knowledge of any of the following:
	Pending, threatened, or past litigation related to hazardous substances or petroleum products in, on or arising from the Property?
	□ Yes 🔀 No
	If yes, explain briefly:
	Pending, threatened, or past administrative proceedings related to hazardous substances or petroleum products in, on or arising from the Property? Yes No
	If yes, explain briefly:
	Notices from any governmental entity regarding any possible violation of environmental laws or
	regulations or possible liability relating to hazardous substances or petroleum products in, on or arising from the Property?
	□ Yes No
	If yes, explain briefly:

MICHAEL J. WALZ	Natur J Wag
Printed Name	Signature
1/10/12	-
110110	
Date	



LMS Warehouse Phase I ESA

Union Street Sebewaing, MI 48759

Inquiry Number: 3234484.2s

January 05, 2012

The EDR Radius Map™ Report with GeoCheck®

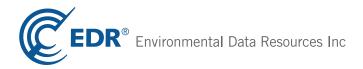


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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

UNION STREET SEBEWAING, MI 48759

COORDINATES

Latitude (North): 43.734500 - 43° 44' 4.2" Longitude (West): 83.452600 - 83° 27' 9.4"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 302481.8 UTM Y (Meters): 4845092.5

Elevation: 585 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 43083-F4 SEBEWAING, MI

Most Recent Revision: 1978

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010 Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list	
NPL	National Priority List

Proposed NPL..... Proposed National Priority List Sites NPL LIENS..... Federal Superfund Liens Federal Delisted NPL site list Delisted NPL..... National Priority List Deletions Federal CERCLIS list Comprehensive Environmental Response, Compensation, and Liability Information System CERCLIS.... FEDERAL FACILITY..... Federal Facility Site Information listing Federal CERCLIS NFRAP site List CERC-NFRAP..... CERCLIS No Further Remedial Action Planned Federal RCRA CORRACTS facilities list CORRACTS..... Corrective Action Report Federal RCRA non-CORRACTS TSD facilities list RCRA-TSDF...... RCRA - Treatment, Storage and Disposal Federal RCRA generators list RCRA-LQG...... RCRA - Large Quantity Generators Federal institutional controls / engineering controls registries US ENG CONTROLS..... Engineering Controls Sites List US INST CONTROL..... Sites with Institutional Controls Federal ERNS list ERNS..... Emergency Response Notification System State and tribal landfill and/or solid waste disposal site lists SWF/LF..... Solid Waste Facilities Database State and tribal leaking storage tank lists INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land State and tribal registered storage tank lists INDIAN UST...... Underground Storage Tanks on Indian Land FEMA UST...... Underground Storage Tank Listing State and tribal institutional control / engineering control registries AUL..... Engineering and Institutional Controls State and tribal voluntary cleanup sites INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory

DEBRIS REGION 9...... Torres Martinez Reservation Illegal Dump Site Locations

SWRCY..... Recycling Facilities

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

LUCIS.....Land Use Control Information System

LIENS.....Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Pollution Emergency Alerting System

Other Ascertainable Records

CONSENT..... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

ICIS...... Integrated Compliance Information System

WDS...... Waste Data System

INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing FINANCIAL ASSURANCE.... Financial Assurance Information Listing

FINANCIAL ASSURANCE.... Financial Assurance Information Listing COAL ASH DOE...... Sleam-Electric Plan Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER_____PCB Transformer Registration Database

COAL ASH..... Coal Ash Disposal Sites

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MI DEPT/ENVIRONMENTAL QUALITY	260 N CENTER ST	E 0 - 1/8 (0.120 mi.)	A9	15

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LMS SEBEWAING LLC	249 N CENTER ST	E 0 - 1/8 (0.111 mi.)	A4	10

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's' Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 10/31/2011 has revealed that there are 5 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAME Facility Status: Inactive - no actions	249 N CENTER taken to address contamination	E 0 - 1/8 (0.111 mi.)	A3	9
ENGELHARDT PETROLEUM, INC. Facility Status: See Leaking Underg	260 N CENTER ST round Storage Tank Site Database	E 0 - 1/8 (0.120 mi.)	A11	19
UNION STREET, 418 Facility Status: Deleted - available d	418 UNION STREET ocumentation does not support listing	NW 1/8 - 1/4 (0.158 mi.)	B18	26
MOUCH'S AUTO SALES & SERVICE Facility Status: See Leaking Underg		SE 1/8 - 1/4 (0.216 mi.)	D23	31
MAIN ST., 115 E., SEBEWING Facility Status: Inactive - no actions	115 EAST MAIN STREET taken to address contamination	SE 1/8 - 1/4 (0.219 mi.)	D26	33

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 10/01/2011 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
ENGELHARDT PETRO INC Facility Status: Open	260 N CENTER ST	E 0 - 1/8 (0.120 mi.)	A10	17	
INDEPENDENT BANK EAST MICHIGAN Facility Status: Open	1 W MAIN ST	SSE 1/8 - 1/4 (0.158 mi.)	C16	25	

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOUCH'S AUTO SALES Facility Status: Open	106 E MAIN ST	SE 1/8 - 1/4 (0.216 mi.)	D25	33
MICHIGAN SUGAR CO Facility Status: Closed	763 N BECK ST	NE 1/4 - 1/2 (0.453 mi.)	28	35
JAMES WINEMAN TRUST Facility Status: Open	812 N BECK ST	NE 1/4 - 1/2 (0.472 mi.)	29	37

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 10/01/2011 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
ENGELHARDT PETRO INC	260 N CENTER ST	E 0 - 1/8 (0.120 mi.)	A10	17	
VILLAGE OF SEBEWAING	145 W MAIN ST	SSW 1/8 - 1/4 (0.152 mi.)	13	22	
MOUCH'S AUTO SALES	106 E MAIN ST	SE 1/8 - 1/4 (0.216 mi.)	D22	31	

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 09/21/2011 has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
NEAL GETTEL FARMS	218 UNION STREET	NNW 0 - 1/8 (0.022 mi.)	1	7	
LAPEER METAL STAMPING	249 N CENTER ST	E 0 - 1/8 (0.111 mi.)	A5	13	
HURON GAS LLC	260 NORTH CENTER	E 0 - 1/8 (0.119 mi.)	A8	15	
SEBEWAING LIGHT & WATER DEPT	110 W MAIN ST	S 1/8 - 1/4 (0.146 mi.)	12	20	

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database.

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/04/2011 has revealed that there are 3 BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
ENGELHARDT BULK STORAGE (E.B.S	MILLER STREET	E 0 - 1/8 (0.118 mi.)	A7	14	
ENGELHARDT PETROLEUM, INC.	260 N CENTER ST	E 0 - 1/8 (0.120 mi.)	A11	19	
MOUCH'S AUTO SALES & SERVICE	106 E MAIN ST	SE 1/8 - 1/4 (0.216 mi.)	D23	31	

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

HIST LF: The database contains historical information and is no longer updated..

A review of the HIST LF list, as provided by EDR, and dated 03/01/1997 has revealed that there is 1 HIST LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SEBEWAING LANDFILL	58 E MAIN ST	SSE 1/8 - 1/4 (0.186 mi.)	20	28

Local Lists of Hazardous waste / Contaminated Sites

DEL SHWS: Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does support it's listing or the site no longer meets criteria specified in rules.

A review of the DEL SHWS list, as provided by EDR, and dated 11/07/2011 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNION STREET, 418	418 UNION STREET	NW 1/8 - 1/4 (0.158 mi.)	B18	26

Other Ascertainable Records

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 06/15/2011 has revealed that there are 5 RCRA-NonGen sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
TOWER AUTOMOTIVE TECHNOLOGY PR	249 N CENTER RD	E 0 - 1/8 (0.111 mi.)	A2	7	
SEBEWAING TOOL AND ENGINEERING	415 UNION	NW 1/8 - 1/4 (0.156 mi.)	B14	23	
BAYSIDE BEST BEANS	418 UNION ST	NW 1/8 - 1/4 (0.158 mi.)	B19	27	
MI DEPT/NATURAL RESOURCES AND	106 EAST MAIN	SE 1/8 - 1/4 (0.216 mi.)	D24	31	
EILER DRYCLEANING	115 E MAIN ST	SE 1/8 - 1/4 (0.219 mi.)	D27	34	

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 08/29/2011 has revealed that there are 5 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAME	249 N CENTER	E 0 - 1/8 (0.111 mi.)	A3	9

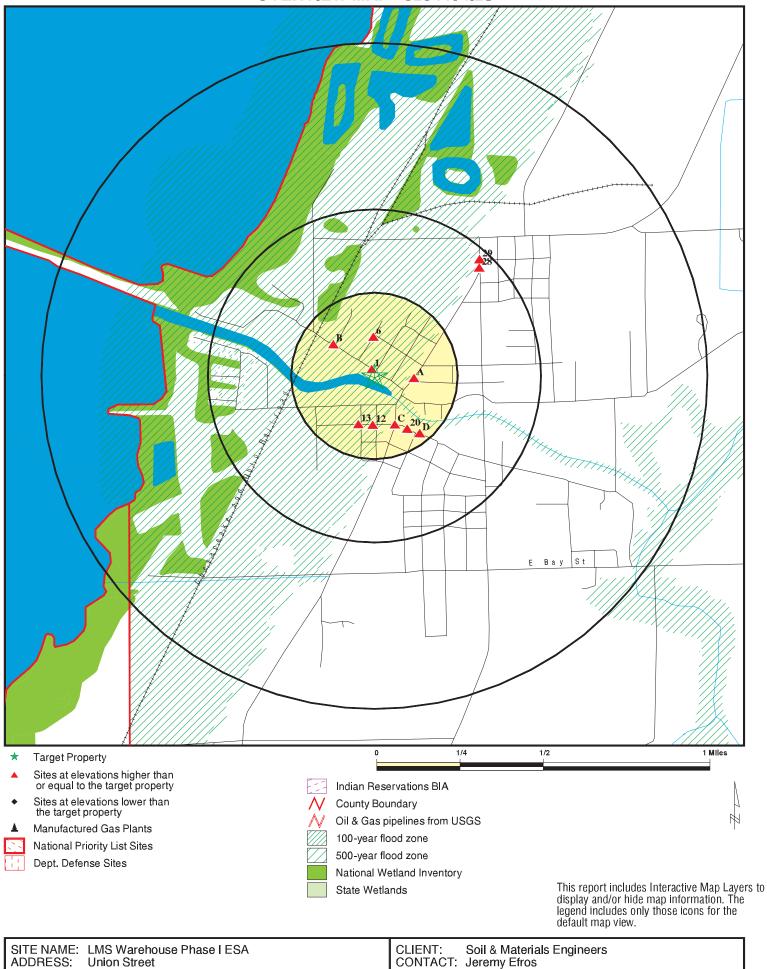
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
Not reported	343 ALBERT STREET	N 0 - 1/8 (0.118 mi.)	6	14	
Not reported	1 WEST MAIN ST.	SSE 1/8 - 1/4 (0.158 mi.)	C15	25	
Not reported	418 UNION STREET	NW 1/8 - 1/4 (0.158 mi.)	B17	26	
MOUCH'S AUTO SALES	106 EAST MAIN ST.	SE 1/8 - 1/4 (0.216 mi.)	D21	30	

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name Database(s)

SEBEWAING TOWNSHIP LANDFILL ENGELHARDT BULK STORAGE SEBEWAING LIGHT & WATER DEPT MI DEPT/TRANSPORTATION MICHIGAN SUGAR CO SHWS SHWS AST RCRA-CESQG MINES

OVERVIEW MAP - 3234484.2s



Sebewaing MI 48759

43.7345 / 83.4526

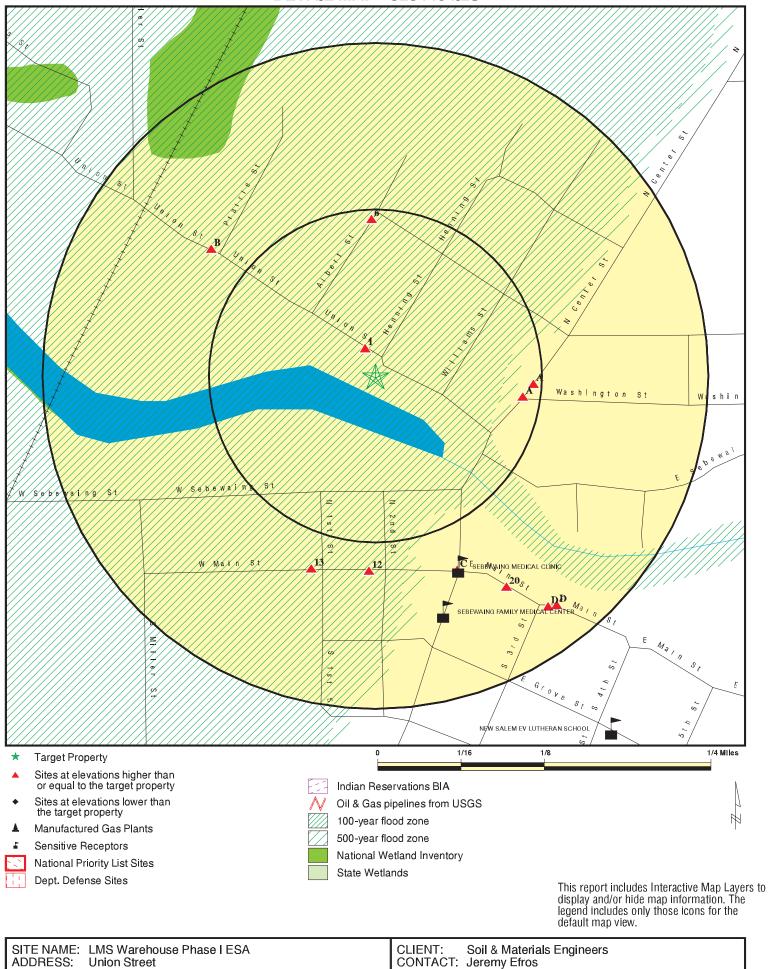
LAT/LONG:

January 05, 2012 12:10 pm Copyright © 2012 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

INQUIRY #: 3234484.2s

DATE:

DETAIL MAP - 3234484.2s



ADDRESS:

LAT/LONG:

Union Street Sebewaing MI 48759

43.7345 / 83.4526

January 05, 2012 12:10 pm Copyright © 2012 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

INQUIRY #: 3234484.2s

DATE:

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	AL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS		1.000 1.000 TP	0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL site	e list							
Delisted NPL		1.000	0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY		0.500 1.000	0 0	0 0	0 0	NR 0	NR NR	0 0
Federal CERCLIS NFRAI	P site List							
CERC-NFRAP		0.500	0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS		1.000	0	0	0	0	NR	0
Federal RCRA non-CORI	RACTS TSD f	acilities list						
RCRA-TSDF		0.500	0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG		0.250 0.250 0.250	0 1 1	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 1 1
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL		0.500 0.500	0 0	0 0	0 0	NR NR	NR NR	0 0
Federal ERNS list								
ERNS		TP	NR	NR	NR	NR	NR	0
State- and tribal - equiva	lent CERCLIS	3						
SHWS		1.000	2	3	0	0	NR	5
State and tribal landfill a solid waste disposal site								
SWF/LF		0.500	0	0	0	NR	NR	0
State and tribal leaking s	storage tank l	ists						
LUST INDIAN LUST		0.500 0.500	1 0	2 0	2 0	NR NR	NR NR	5 0
State and tribal registere	ed storage tan	k lists						
UST	-	0.250	1	2	NR	NR	NR	3

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST INDIAN UST FEMA UST		0.250 0.250 0.250	3 0 0	1 0 0	NR NR NR	NR NR NR	NR NR NR	4 0 0
State and tribal instituti control / engineering co		es						
AUL		0.500	0	0	0	NR	NR	0
State and tribal volunta	ry cleanup site	es						
INDIAN VCP		0.500	0	0	0	NR	NR	0
State and tribal Brownf	ields sites							
BROWNFIELDS		0.500	2	1	0	NR	NR	3
ADDITIONAL ENVIRONME	NTAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
Local Lists of Landfill / Waste Disposal Sites	Solid							
ODI DEBRIS REGION 9 SWRCY HIST LF INDIAN ODI		0.500 0.500 0.500 0.500 0.500	0 0 0 0	0 0 0 1 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR	0 0 0 1 0
Local Lists of Hazardou Contaminated Sites	ıs waste /							
US CDL DEL SHWS CDL US HIST CDL		TP 1.000 TP TP	NR 0 NR NR	NR 1 NR NR	NR 0 NR NR	NR 0 NR NR	NR NR NR NR	0 1 0 0
Local Land Records								
LIENS 2 LUCIS LIENS		TP 0.500 TP	NR 0 NR	NR 0 NR	NR 0 NR	NR NR NR	NR NR NR	0 0 0
Records of Emergency	Release Repo	rts						
HMIRS SPILLS		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Other Ascertainable Re	cords							
RCRA-NonGen DOT OPS DOD FUDS CONSENT ROD		0.250 TP 1.000 1.000 1.000 1.000	1 NR 0 0 0	4 NR 0 0 0 0	NR NR 0 0 0	NR NR 0 0 0	NR NR NR NR NR	5 0 0 0 0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UMTRA		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS RADINFO		TP TP	NR NR	NR NR	NR NR	NR NR	NR NR	0 0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
WDS		TP	NR	NR	NR	NR	NR	ő
DRYCLEANERS		0.250	0	0	NR	NR	NR	Ő
NPDES		TP	NR	NR	NR	NR	NR	Ö
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	2	3	0	NR	NR	5
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECOR	DS							
EDR Proprietary Records	;							
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

Distance EDR ID Number
Elevation Site EPA ID Number

1 NEAL GETTEL FARMS AST A100354466 NNW 218 UNION STREET N/A

< 1/8 SEBEWAING, MI 48759

0.022 mi. 117 ft.

Relative: AST:

Equal Type: ACTIVE

Owner Name: NEAL GETTEL FARMS
Actual: Owner Address: 218 UNION STREET
585 ft. Owner City,St,Zip: SEBEWAING, MI 48759

Owner County: USA

Owner Contact: Not reported
Owner Telephone: Not reported
Facility ID: 92085430

District: Saginaw Bay District Office

Neal Gettel Contact: Facility Phone: Not reported Tank ID: Not reported Latitude: Not reported Longitude: Not reported Date of Collection: Not reported Not reported Accuracy: Accuracy Value Unit: Not reported Horizontal Datum: Not reported Source: Not reported Not reported Point Line Area: Description of Category: Not reported Method of Collection: Not reported

A2 TOWER AUTOMOTIVE TECHNOLOGY PRODUCTS INC RCRA-NonGen 1009398911
East 249 N CENTER RD MIK142363365

East 249 N CENTER RD < 1/8 SEBEWAING, MI 48759

0.111 mi.

589 ft. Site 1 of 9 in cluster A

Relative: RCRA-NonGen:

Higher Date form received by agency: 11/13/2006

Facility name: TOWER AUTOMOTIVE TECHNOLOGY PRODUCTS INC

Actual: Facility address: 249 N CENTER RD SEBEWAING, MI 48759

EPA ID: MIK142363365

Mailing address: 27275 HAGGERTY RD

NOVI, MI 48377

Contact: RON HENDERSON
Contact address: 249 N CENTER RD

SEBEWAING, MI 48759

Contact country: US

Contact telephone: (248) 675-6406 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

TOWER AUTOMOTIVE TECHNOLOGY PRODUCTS INC (Continued)

1009398911

EDR ID Number

Owner/operator telephone: Not reported Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 04/03/2006
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

Operator

Operator

O4/03/2006

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: Nο Used oil transporter: No

Historical Generators:

Date form received by agency: 10/26/2006

Facility name: TOWER AUTOMOTIVE TECHNOLOGY PRODUCTS INC

Classification: Not a generator, verified

Date form received by agency: 09/14/2005

Facility name: TOWER AUTOMOTIVE TECHNOLOGY PRODUCTS INC

Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A3 SAME SHWS S106802434

East 249 N CENTER **AIRS** N/A **BEA**

SEBEWAING, MI 48759 < 1/8

0.111 mi.

589 ft. Site 2 of 9 in cluster A

SHWS: Relative:

Facility ID: 32000007 Higher

Facility Status: Inactive - no actions taken to address contamination

Actual: Source: Not reported

586 ft. SAM Score: 27

> SAM Score Date: 03/29/2004 Township: 15N 09E Range: Section: 8 Quarter: SE Quarter/Quarter: NW

Pollutants: TCE; Cutting oil

Supplemental Location Text: Dun & Brad Street Number:

AIRS:

El Year: 1991 N3271 State Registration Number: Naics Code: Not reported Not reported Contact Name: Contact Phone: Not reported Contact Address: Not reported Contact City, St, Zip: Not reported Permit Number: Not reported Not reported Date Received: State Registration Number: N3271 Country: Not reported Application Reason: Not reported Record Type: Not reported State County FIPS: Not reported Facility Category: Not reported SIC Primary: Not reported Tribal Code: Not reported

Business Name: SEBEWAING INDUSTRIES INC

Principal Product: Not reported Principal Product Description: Not reported

UTM Zone (Geo Coordinates Universal Transverse Mercator System): Not reported

Not reported

Not reported

UTM Horizontal Coord: Not reported **UTM Vertical Coord:** Not reported

SEBEWAING INDUSTRIES INC Mailing Name:

Mailing Contact Person: JOHN MEININGER Mailing Street: P O BOX 646 Mailing City: **SEBEWAING**

Mailing State: MI Mailing Zip: 48759 Mailing Zip 4 Extension: Not reported Compliance Person: Not reported Compliance Area Code: Not reported Compliance Phone Number: Not reported **Emission Inventory Contact Person:** JOHN MEININGER

El Contact Area Code: 517 El Contact Phone Number: 8832020 Permit Contact Person: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SAME (Continued) S106802434

Permit Contact Person Area Code: Not reported Permit Contact Person Phone Number: Not reported Federal Employer Id Number: Not reported

Of Employees:

Reporting Year: Not reported Date Record Was Created: 01/10/1992

BEA:

Secondary Address: Not reported

BEA Number: 659

District: Saginaw Bay

Date Received: 1/12/2005 12:59:00 AM
Submitter Name: Lapeer Metal Stampings

Petition Determination: No Request

Petition Disclosure: 0

Category: Different Hazardous Substance(s)

Determination 20107A: No Request Reviewer: armbrusa

Division Assigned: Environmental Response Division

A4 LMS SEBEWAING LLC RCRA-CESQG 1000888319
East 249 N CENTER ST FINDS MI0000323741

< 1/8 SEBEWAING, MI 48759

0.111 mi.

589 ft. Site 3 of 9 in cluster A

Relative:

RCRA-CESQG:

Higher Date form received by agency: 12/14/2004

Facility name: LMS SEBEWAING LLC Facility address: 249 N CENTER ST

Actual: 586 ft.

SEBEWAING, MI 48759

EPA ID: MI0000323741
Mailing address: 930 S SAGINAW ST

LAPEER, MI 48446

Contact: GLEN DEAN
Contact address: 249 N CENTER ST

SEBEWAING, MI 48759

Contact country: US

Contact telephone: (989) 883-9198
Contact email: Not reported

EPA Region: 05 Land type: Private

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar

month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

time: 1 kg or less of acutely hazardous waste: or 100 kg or less of

hazardous waste

EDR ID Number

Distance Elevation Site

Site Database(s) EPA ID Number

LMS SEBEWAING LLC (Continued)

1000888319

EDR ID Number

Owner/Operator Summary:

Owner/operator name: GERALD DIEZ
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 09/28/2004 Owner/Op end date: Not reported

Owner/operator name: LAPEER METAL STAMPING COMPANIES

Owner/operator address:

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Not reported

Not reported

Private

Operator

Owner/Operator Type: Operator
Owner/Op start date: 09/28/2004
Owner/Op end date: Not reported

Owner/operator name: LAPEER METAL STAMPING COMPANIES

Owner/operator address: Not reported

Not reported

Owner/operator country:
Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner/Op start date:
Owner/Op end date:
Not reported
Not reported
Owner
Owner
Owner
Owner
Not reported

Owner/operator name: GERALD DIEZ
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 09/28/2004 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No

Direction Distance

Elevation Site Database(s) EPA ID Number

LMS SEBEWAING LLC (Continued)

1000888319

EDR ID Number

Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Historical Generators:

Date form received by agency: 04/29/2004

Facility name: LMS SEBEWAING LLC

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/01/2004

Facility name: LMS SEBEWAING LLC Site name: TOWER AUTOMOTIVE

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/29/2002

Facility name: LMS SEBEWAING LLC Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Facility name: LMS SEBEWAING LLC
Site name: TOWER AUTOMOTIVE
Classification: Large Quantity Generator

Date form received by agency: 05/23/1994

Facility name: LMS SEBEWAING LLC Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D00

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Generators - Pre-transport

Date violation determined: 11/09/1999
Date achieved compliance: 12/10/1999
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/09/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LMS SEBEWAING LLC (Continued)

1000888319

Proposed penalty amount: 0 Final penalty amount: 0 0 Paid penalty amount:

Evaluation Action Summary:

11/05/1999 Evaluation date:

COMPLIANCE EVALUATION INSPECTION ON-SITE Evaluation:

Area of violation: Generators - Pre-transport

Date achieved compliance: 12/10/1999 Evaluation lead agency: State

FINDS:

Registry ID: 110009595401

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Α5 LAPEER METAL STAMPING **East** 249 N CENTER ST < 1/8 SEBEWAING, MI 48759

0.111 mi.

Site 4 of 9 in cluster A 589 ft.

AST: Relative: Higher

Type: **CLOSED** Owner Name: LAPEER METAL STAMPING

Actual: Owner Address: 249 N CENTER ST

586 ft. Owner City, St, Zip: SEBEWAING, MI 48360-2608

Owner County: USA

Owner Contact: Not reported Owner Telephone:

Facility ID: 92032053

Saginaw Bay District Office District:

Contact: Cindy Knockeart Facility Phone: (989) 415-2806 43.7348560000 Tank ID: Latitude: Not reported Longitude: -83.453350 Date of Collection: 01/06/2005 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83 Source: Not reported

Point Line Area: Not reported Description of Category: Not reported Method of Collection: Not reported AST

A100206737

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LAPEER METAL STAMPING (Continued)

Type: **CLOSED**

LAPEER METAL STAMPING Owner Name:

Owner Address: 249 N CENTER ST

Owner City, St, Zip: SEBEWAING, MI 48360-2608

Owner County: **USA** Owner Contact: Not reported Owner Telephone: Facility ID: 92032053

District: Saginaw Bay District Office

Contact: Cindy Knockeart (989) 415-2806 Facility Phone: 43.7348560000 Tank ID: Not reported Latitude: Longitude: -83.453350 01/06/2005 Date of Collection: Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83 Source: Not reported Point Line Area: Not reported Description of Category: Not reported Method of Collection: Not reported

6 BEA S110624554 North **343 ALBERT STREET** N/A

< 1/8 SEBEWAING, MI 48607

0.118 mi. 623 ft.

BEA: Relative:

Equal Secondary Address: Not reported BEA Number: 1061

Actual: Saginaw Bay District:

585 ft. Date Received: 11/8/2010 12:59:00 AM

Lawndale Partners of Michigan, LLC Submitter Name:

Petition Determination: No Request

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: armbrusa Division Assigned: RRD

Α7 **ENGELHARDT BULK STORAGE (E.B.S.) BROWNFIELDS** S106515481

East MILLER STREET SEBEWAING, MI < 1/8

0.118 mi.

Site 5 of 9 in cluster A 624 ft.

BROWNFIELD: Relative:

Facility ID: 00006343 Higher Region:

Actual: Status: Not reported 586 ft. Properry Use: Not reported

Use at Time of Listing: Not reported

BEA: No

Ernie Id Number: 32000024 N/A

A100206737

Direction Distance

Elevation Site Database(s) EPA ID Number

A8 HURON GAS LLC AST A100270306
East 260 NORTH CENTER N/A

< 1/8 SEBEWAING, MI 48755

0.119 mi.

627 ft. Site 6 of 9 in cluster A

Relative: Higher AST:
Type: ACTIVE

Actual: Ow 586 ft.

Owner Name: HURON GAS LLC
Owner Address: 260 NORTH CENTER
Owner City,St,Zip: SEBEWAING, MI 48755

Owner County: USA
Owner Contact: Not r

Owner Contact: Not reported
Owner Telephone:
Facility ID: 92084776

Facility ID: 92084776
District: Saginaw Bay District Office

James Englehardt Contact: (989) 883-2590 Facility Phone: 43.7340830000 Tank ID: Latitude: Not reported Longitude: -83.449847 Date of Collection: 06/23/2004 100 Accuracy: Accuracy Value Unit: **FEET** Horizontal Datum: NAD83 Source: Not reported Not reported Point Line Area: Not reported Description of Category:

A9 MI DEPT/ENVIRONMENTAL QUALITY RRD

Method of Collection:

East 260 N CENTER ST < 1/8 SEBEWAING, MI 48759

0.120 mi.

634 ft. Site 7 of 9 in cluster A

Relative:

RCRA-SQG:

Higher Date form received by agency: 03/01/2004

Facility name: MI DEPT/ENVIRONMENTAL QUALITY RRD Facility address: 260 N CENTER STREET

Not reported

Actual: Facility address: 586 ft.

SEBEWAING, MI 48759

EPA ID: MIK674746532
Mailing address: 503 NORTH EUCLID

BAY CITY, MI 48706

Contact: MICHAEL R JURY
Contact address: Not reported

Not reported Not reported

Contact country: Not reported
Contact telephone: (989) 686-8025

Telephone ext.: 8311
Contact email: Not reported
EDA Pegion: 05

EPA Region: 05 Land type: State

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous

waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

hazardous waste at any time

RCRA-SQG

1007099476

MIK674746532

EDR ID Number

Direction Distance Elevation

Site Database(s) EPA ID Number

MI DEPT/ENVIRONMENTAL QUALITY RRD (Continued)

1007099476

EDR ID Number

Owner/Operator Summary:

Owner/operator name: MDEQ - RRD
Owner/operator address: MDEQ - RRD
Not reported
Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/07/2003
Owner/Op end date: Not reported

Owner/operator name: MDEQ- REMEDIATION & REDEVELOPMENT DIV

Owner/operator address:

Owner/operator country:

Owner/operator telephone:

Legal status:

Not reported
Not reported
Not reported
State

Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 01/07/2003
Owner/Op end date: Not reported

Owner/operator name: MDEQ- REMEDIATION & REDEVELOPMENT DIV

Owner/operator address: Not reported

Not reported

Owner/operator country:
Owner/operator telephone:
Legal status:
Owner/Operator Type:
Owner/Op start date:
Owner/Op end date:
Not reported
Not reported
Operator
Operator
Other/Op end date:
Not reported

Owner/operator name: MDEQ - RRD
Owner/operator address: Mot reported
Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: State

Owner/Operator Type: Operator
Owner/Op start date: 01/07/2003
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No

Direction Distance

Elevation Site Database(s) EPA ID Number

MI DEPT/ENVIRONMENTAL QUALITY RRD (Continued)

1007099476

EDR ID Number

Used oil transporter: No

Historical Generators:

Date form received by agency: 04/26/2003

Facility name: MI DEPT/ENVIRONMENTAL QUALITY RRD

Site name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT

Classification: Not a generator, verified

Date form received by agency: 09/29/2002

Facility name: MI DEPT/ENVIRONMENTAL QUALITY RRD

Site name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT

Classification: Not a generator, verified

Date form received by agency: 01/07/2002

Facility name: MI DEPT/ENVIRONMENTAL QUALITY RRD

Site name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/05/1999

Evaluation: FOCUSED COMPLIANCE INSPECTION

Area of violation:

Date achieved compliance:

Evaluation lead agency:

Not reported

Not reported

State

A10 ENGELHARDT PETRO INC LUST U000254553
East 260 N CENTER ST UST N/A

< 1/8 0.120 mi.

634 ft. Site 8 of 9 in cluster A

Relative: LUST:

Higher Facility ID: 00006343

SEBEWAING, MI 48759

Source: STATE OF MICHIGAN

Actual: Owner Name: Engelhardt Petro Inc

586 ft. Owner Address: 260 N Center St

Owner City,St,Zip: Sebewaing, MI 48759-1002

Owner Contact: Not reported
Owner Phone:
Country: USA

District: Saginaw Bay District Office
Site Name: Engelhardt Petroleum . Inc.

Latitude: 43.7338310000 Longitude: -83.4506200000 Date of Collection: 01/11/2001

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ENGELHARDT PETRO INC (Continued)

Method of Collection: Address Matching-House Number

100 Accuracy: Accuracy Value Unit: FEET Horizontal Data: NAD83 Point Line Area: **POINT**

Plant Entrance (Freight) Desc Category:

Leak Number: C-0513-85 Release Date: 03/15/1987 Substance Released: Not reported Release Status: Open Release Closed Date: Not reported

UST:

Owner Country:

00006343 Facility ID: Facility Type: CLOSED Latitude: 43.7338310 Longitude: -83.4506200

Owner Name: **ENGELHARDT PETRO INC**

Owner Address: 260 N CENTER ST

SEBEWAING, MI 48759-1002 Owner City,St,Zip: USA

Owner Contact: Not reported Owner Phone: Mr Randy Rothe Contact: (517) 705-3416 Contact Phone: Date of Collection: 01/11/2001 100 Accuracy:

Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 1500 Install Date: 02/06/1984 Product: Gasoline 06/03/2003 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Removed from Ground Tank Status:

Capacity: 1000 Install Date: 02/05/1978 Product: Gasoline 06/03/2003 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel U000254553

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ENGELHARDT PETRO INC (Continued)

U000254553

Piping Type: Not reported

Asphalt Coated or Bare Steel Constr Material:

Impressed Device: No

Tank ID:

Tank Status: **Removed from Ground**

Capacity: 500 Install Date: 02/06/1976 Product: Gasoline 06/03/2003 Remove Date: Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

A11 **ENGELHARDT PETROLEUM, INC.**

SHWS S108417057 **BROWNFIELDS** N/A

East 260 N CENTER ST < 1/8 SEBEWAING, MI

0.120 mi.

634 ft. Site 9 of 9 in cluster A

SHWS: Relative:

Facility ID: 32000002 Higher

Facility Status: See Leaking Underground Storage Tank Site Database

Actual: Source: Gasoline Service Station

586 ft. 37 SAM Score:

SAM Score Date: 08/29/2006 Township: 15N 09E Range: Section: 8 NW Quarter: Quarter/Quarter: SE Pollutants: 1,2,4 TMB

BROWNFIELD:

Facility ID: 00006343

Region:

Status: Not reported Properry Use: Not reported Use at Time of Listing: Not reported

BEA: No

Ernie Id Number: 32000002

Direction Distance

Elevation Site Database(s) EPA ID Number

12 SEBEWAING LIGHT & WATER DEPT AST A100252494
South 110 W MAIN ST N/A

1/8-1/4 SEBEWAING, MI 48759

0.146 mi. 773 ft.

Relative: AST: Equal Type: ACTIVE

Owner Name: SEBEWAING LIGHT & WATER DEPT

Actual: Owner Address: 110 W MAIN ST 585 ft. Owner City St Zin: SEREWAING M

Owner City, St, Zip: SEBEWAING, MI 48759-1307

Owner County: USA

Owner Contact: Not reported
Owner Telephone: (517) 883-2700
Facility ID: 91032028

District: Saginaw Bay District Office
Contact: ARTHUR REINHOLD JR

Facility Phone: (517) 883-2700 Tank ID: 43.7323770000 Latitude: Not reported Longitude: -83.452744 Date of Collection: 03/22/2005 100 Accuracy: Accuracy Value Unit: **FEET** Horizontal Datum: NAD83 Source: Not reported Not reported Point Line Area: Description of Category: Not reported Method of Collection: Not reported

Type: ACTIVE

Owner Name: SEBEWAING LIGHT & WATER DEPT

Owner Address: 110 W MAIN ST

Owner City,St,Zip: SEBEWAING, MI 48759-1307

Owner County: USA
Owner Contact: Not reported
Owner Telephone: (517) 883-2700
Facility ID: 91032028

District: Saginaw Bay District Office
Contact: ARTHUR REINHOLD JR

(517) 883-2700 Facility Phone: Tank ID: 43.7323770000 Latitude: Not reported Longitude: -83.452744 Date of Collection: 03/22/2005 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

Source: Not reported
Point Line Area: Not reported
Description of Category: Not reported
Method of Collection: Not reported

Type: ACTIVE

Owner Name: SEBEWAING LIGHT & WATER DEPT

Owner Address: 110 W MAIN ST

Owner City,St,Zip: SEBEWAING, MI 48759-1307

Owner County: USA

Owner Contact: Not reported

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

SEBEWAING LIGHT & WATER DEPT (Continued)

A100252494

EDR ID Number

Owner Telephone: (517) 883-2700 Facility ID: 91032028

District: Saginaw Bay District Office Contact: SARTHUR REINHOLD JR

Facility Phone: (517) 883-2700 Tank ID: 43.7323770000 Latitude: Not reported Longitude: -83.452744 Date of Collection: 03/22/2005 Accuracy: 100 Accuracy Value Unit: **FEET** NAD83 Horizontal Datum: Not reported Source: Point Line Area: Not reported Description of Category: Not reported Method of Collection: Not reported

Type: ACTIVE

Owner Name: SEBEWAING LIGHT & WATER DEPT

Owner Address: 110 W MAIN ST

Owner City, St, Zip: SEBEWAING, MI 48759-1307

Owner County: USA

Owner Contact: Not reported
Owner Telephone: (517) 883-2700
Facility ID: 91032028

District: Saginaw Bay District Office Contact: SARTHUR REINHOLD JR

Facility Phone: (517) 883-2700 Tank ID: 43.7323770000 Latitude: Not reported -83.452744 Longitude: Date of Collection: 03/22/2005 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83 Not reported Source: Point Line Area: Not reported Description of Category: Not reported Method of Collection: Not reported

Type: ACTIVE

Owner Name: SEBEWAING LIGHT & WATER DEPT

Owner Address: 110 W MAIN ST

Owner City, St, Zip: SEBEWAING, MI 48759-1307

Owner County: USA

Owner Contact: Not reported
Owner Telephone: (517) 883-2700
Facility ID: 91032028

District: Saginaw Bay District Office
Contact: ARTHUR REINHOLD JR

 Facility Phone:
 (517) 883-2700

 Tank ID:
 43.7323770000

 Latitude:
 Not reported

 Longitude:
 -83.452744

 Date of Collection:
 03/22/2005

 Accuracy:
 100

 Accuracy Value Unit:
 FEET

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SEBEWAING LIGHT & WATER DEPT (Continued)

A100252494

Horizontal Datum: NAD83 Not reported Source: Not reported Point Line Area: Description of Category: Not reported Method of Collection: Not reported

Type: **ACTIVE**

Owner Name: SEBEWAING LIGHT & WATER DEPT

Owner Address: 110 W MAIN ST

Owner City, St, Zip: SEBEWAING, MI 48759-1307

Owner County: **USA**

Owner Contact: Not reported (517) 883-2700 Owner Telephone: Facility ID: 91032028

District: Saginaw Bay District Office Contact: ARTHUR REINHOLD JR

Facility Phone: (517) 883-2700 Tank ID: 43.7323770000 Latitude: Not reported Longitude: -83.452744 Date of Collection: 03/22/2005 Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Datum: NAD83 Source: Not reported Point Line Area: Not reported Description of Category: Not reported Method of Collection: Not reported

13 **VILLAGE OF SEBEWAING** SSW **145 W MAIN ST**

1/8-1/4 SEBEWAING, MI 48759 0.152 mi.

804 ft.

UST: Relative:

Equal Facility ID: 00019775 Facility Type: CLOSED Actual: Latitude: 43.7321340 585 ft. Longitude: -83.4529630

> Owner Name: VILLAGE OF SEBEWAING

Owner Address: 108 W MAIN ST

Owner City, St, Zip: SEBEWAING, MI 48759-1307

Owner Country: USA Owner Contact: Not reported Owner Phone: (517) 883-2660 PAUL SCHNITKER Contact: Contact Phone: (517) 883-2660 Date of Collection: 01/11/2001

100 Accuracy: Accuracy Value Unit: **FEET** Horizontal Datum: NAD83

STATE OF MICHIGAN Source:

Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID: 1 UST

U003211626

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

VILLAGE OF SEBEWAING (Continued)

U003211626

RCRA-NonGen 1000224979

FINDS

MID005501515

Tank Status: Removed from Ground

1000 Capacity: Install Date: 01/01/1982 Product: Gasoline Remove Date: 04/30/1997 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel

Piping Type: Suction: No Valve At Tank Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

Tank ID:

Tank Status: Removed from Ground

Capacity: 1000 Install Date: 10/10/1928 Product: Gasoline Remove Date: 04/30/1997 Tank Release Detection: Not reported Pipe Realease Detection: Not reported Piping Material: Galvanized Steel

Piping Type: Suction: No Valve At Tank Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

SEBEWAING TOOL AND ENGINEERING

415 UNION NW

1/8-1/4 SEBEWAING, MI 48759

0.156 mi.

B14

824 ft. Site 1 of 4 in cluster B

RCRA-NonGen: Relative:

Date form received by agency: 12/31/2001 Equal

SEBEWAING TOOL AND ENGINEERING Facility name:

Actual: Facility address: 415 UNION

585 ft.

SEBEWAING, MI 48759

EPA ID: MID005501515

PO BOX 685 Mailing address: SEBEWAING, MI 48759

Contact: BERNARD HOEH

Contact address: 415 UNION

SEBEWAING, MI 48759

US Contact country:

(989) 883-2000 Contact telephone: Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SEBEWAING TOOL AND ENGINEERING COMPANY

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private

Direction Distance

Elevation Site Database(s) EPA ID Number

SEBEWAING TOOL AND ENGINEERING (Continued)

1000224979

EDR ID Number

Owner/Operator Type: Owner
Owner/Op start date: 05/08/1937
Owner/Op end date: Not reported

Owner/operator name: SEBEWAING TOOL AND ENGINEERING COMPANY

Owner/operator address: Not reported

Not reported Not reported Not reported Private Operator

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/08/1937
Owner/Op end date: Not reported

Handler Activities Summary:

Owner/operator country:

Owner/operator telephone:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: Nο On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: Nο Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 01/07/1987

Facility name: SEBEWAING TOOL AND ENGINEERING

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110001299504

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SEBEWAING TOOL AND ENGINEERING (Continued)

1000224979

N/A

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C15 BEA S105767618

SSE 1 WEST MAIN ST. 1/8-1/4 SEBEWAING, MI

0.158 mi.

834 ft. Site 1 of 2 in cluster C

BEA: Relative:

Equal Secondary Address: Not reported

BEA Number:

Actual: District: Saginaw Bay 585 ft. 12/9/1996 Date Received:

> Submitter Name: Independent Bank-East Michigan

Petition Determination: Affirmed Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: Affirmed Reviewer: temppm

Division Assigned: Storage Tank Division

C16 INDEPENDENT BANK EAST MICHIGAN LUST S102726372 N/A

SSE 1 W MAIN ST

SEBEWAING, MI 48759 1/8-1/4

0.158 mi.

834 ft. Site 2 of 2 in cluster C

LUST: Relative:

Facility ID: 50001974 Equal

STATE OF MICHIGAN Source:

Actual: Owner Name: Nrt Owner 585 ft. Owner Address: Unknown

> Unknown, MI 99999 Owner City, St, Zip: Owner Contact: Not reported Owner Phone: Not reported Country: USA

District: Saginaw Bay District Office Independent Bank East Michigan Site Name:

43.7321510000 Latitude: -83.4516100000 Longitude: Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100 Accuracy Value Unit: **FEET** Horizontal Data: NAD83 Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Leak Number: C-1074-96 Release Date: 12/20/1996 Substance Released: Unknown Release Status: Open Release Closed Date: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

B17 S105767619 N/A

418 UNION STREET NW 1/8-1/4 SEBEWAING, MI

0.158 mi.

835 ft. Site 2 of 4 in cluster B

BEA: Relative:

Equal Secondary Address: Not reported

BEA Number:

Actual: District: Saginaw Bay 585 ft. Date Received: 10/9/1995

> Submitter Name: Bayside Best Beans

Petition Determination: No Request

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: temppm

Division Assigned: **Environmental Response Division**

B18 SHWS S105144089 **UNION STREET, 418** NW **418 UNION STREET DEL SHWS** N/A 1/8-1/4 SEBEWAING, MI 48759 **AIRS**

0.158 mi.

835 ft. Site 3 of 4 in cluster B

SHWS: Relative:

Facility ID: 32000081 Equal

Facility Status: Deleted - available documentation does not support listing

Actual: Source: Not reported

585 ft. SAM Score: 17

> SAM Score Date: 03/26/1996 15N Township: Range: 09E Section: 8 NW Quarter: Quarter/Quarter: NW

Phenanthrene Pollutants:

DELETED HWS:

Facility ID:

Status: Deleted - available documentation does not support listing

AIRS:

El Year: 1994 State Registration Number: L1416 Naics Code: Not reported Contact Name: Not reported Contact Phone: Not reported Contact Address: Not reported Contact City, St, Zip: Not reported Permit Number: Not reported Date Received: Not reported State Registration Number: L1416

Not reported Country: Application Reason: Not reported Record Type: Not reported State County FIPS: Not reported Facility Category: Not reported SIC Primary: 4011

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

UNION STREET, 418 (Continued)

S105144089

EDR ID Number

Tribal Code: Not reported Supplemental Location Text: Not reported Dun & Brad Street Number: Not reported

Business Name: HURON & EASTERN RAILWAY CO INC

Principal Product: Not reported Principal Product Description: Not reported

UTM Zone (Geo Coordinates Universal Transverse Mercator System): 17

UTM Horizontal Coord: Not reported UTM Vertical Coord: Not reported

Mailing Name: HURON & EASTERN RAILWAY CO INC

Mailing Contact Person: LARRY M MCCLOUD Mailing Street: 538 E HURON AVE

Mailing City:VASSARMailing State:MIMailing Zip:48768Mailing Zip 4 Extension:Not reported

Compliance Person: LARRY M MCCLOUD

Compliance Area Code: 517
Compliance Phone Number: 8237661

Emission Inventory Contact Person: LARRY M MCCLOUD

El Contact Area Code: 517

El Contact Phone Number: 8237661

Permit Contact Person: LARRY M MCCLOUD

Permit Contact Person Area Code: 517
Permit Contact Person Phone Number: 8237661
Federal Employer Id Number: 380829710

Of Employees: 1
Reporting Year: 1995

Date Record Was Created: Not reported

B19 BAYSIDE BEST BEANS RCRA-NonGen 1008403359
NW 418 UNION ST MIK266638683

NW 418 UNION ST 1/8-1/4 SEBEWAING, MI 48759

0.158 mi.

835 ft. Site 4 of 4 in cluster B

Relative: RCRA-NonGen:

Equal Date form received by agency: 08/31/2005

Facility name: BAYSIDE BEST BEANS
Actual: Facility address: 418 UNION ST

585 ft. SEBEWAING, MI 48759

EPA ID: MIK266638683
Contact: BRAD WITEK
Contact address: 418 UNION ST

SEBEWAING, MI 48759

Contact country: US

Contact telephone: (989) 883-2628 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator address: BRAD D WITEK

Owner/operator address: Not reported Not reported

Owner/operator country: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

BAYSIDE BEST BEANS (Continued)

1008403359

Not reported Owner/operator telephone: Private Legal status: Owner Owner/Operator Type: Owner/Op start date: 08/31/2005 Owner/Op end date: Not reported

Owner/operator address: Not reported Not reported Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private

BRAD D WITEK

Owner/Operator Type: Operator Owner/Op start date: 08/31/2005 Owner/Op end date: Not reported

Handler Activities Summary:

Owner/operator name:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: Nο Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: Nο Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: Nο Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

20 **SEBEWAING LANDFILL** HIST LF

SSE **58 E MAIN ST** 1/8-1/4

SEBEWAING, MI 48759

0.186 mi. 984 ft.

Historical LF: Relative:

32000030 Facility ID: Equal

Status: **INACTIVE** Actual: Contact: Not reported 585 ft. Facility Phone: Not reported

Facility Fax: Not reported Facility Type: Not reported S100069563

N/A

Direction Distance Elevation

Site Database(s) EPA ID Number

SEBEWAING LANDFILL (Continued)

Facility Email:

Facility is Open:

Facility Type:

Facility Contact:

Not reported

Not reported

Landfill Type II

FRANK LEON

County Code: 32
Facility Number: 000030
Staff: Not reported
Active: No

Permit Date: Not reported Permit Number: Not reported

License Date: / /

License No: Not reported No Waste: Not reported Enforcement: Not reported Exp Letters: Not reported Operator Name: Not reported Not reported **Operator Contact:** Operator Address: Not reported Operator City, St, Zip: Not reported Operator Telephone: Not reported Operator Fax: Not reported Operator Email: Not reported Owner Name: SEBEWAING TWP

Owner Contact: Not reported Attention:

Owner Address: Owner City,St,Zip:

Owner Telephone: Not reported
Owner Fax: Not reported
Owner Email: Not reported
District: Bay City

Section: 08

Permit Applicant: SEBEWAING TWP

Permit Applicant Contact: Permit Applicant Address: Permit Applicant City,St,Zi

Permit Applicant Phone: Not reported Application Type: Government Liner Information: Not reported Nature of Wastes Allowed: Not reported Township: Not reported Section Number: Not reported Township Section: Not reported District: Not reported Not reported Business Type: County Description: Not reported County 2 Description: Not reported Liner Type: Not reported Reported Date: Not reported Amount: 0.00 Financial Instrument: Not reported

Fund Type: Not reported Issued Date: Not reported Expires: Not reported Expiry: Not reported Licensed: Not reported Comments: Not reported

S100069563

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SEBEWAING LANDFILL (Continued)

S100069563

N/A

Date of Expiry of Current License: Not reported 0.000 Acreage Currently Licensed: Acres Certified Closed: 0.000 Issue of 1st Construction Permit Date: Not reported Acres Given in 1st Construction Permit: 0.000 Issue of 2nd Construction Permit Date: Not reported Acres Given in 2nd Construction Permit: 0.000 Issue of 3rd Construction Permit Date: Not reported Acres Given in 3rd Construction Permit: 0.000 Restrictive Deed Covenant Filed: Not reported Perpetual Care Fund Type: Not reported Perpetual Care Fund Signed: Not reported Perpetual Care Fund Agreement Signed: Not reported Groundwater Monitoring System Exists: Not reported Date landill Certified Closed: Not reported Received Waste on or After Oct. 9, 1991: Not reported Site Monitorable Under Definition of New Rules:Not reported

MOUCH'S AUTO SALES D21 BEA S106521609

SE 106 EAST MAIN ST. 1/8-1/4 SEBEWAING, MI

0.216 mi.

1141 ft. Site 1 of 7 in cluster D

BEA: Relative:

Secondary Address: Not reported Equal

BEA Number:

Actual: District: Saginaw Bay

585 ft. 7/27/2004 12:59:00 AM Date Received:

Sebewaing Family Dental Center Submitter Name:

Petition Determination: No Request

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: persona

Division Assigned: **Environmental Response Division**

Secondary Address: Not reported

BEA Number: 630

District: Saginaw Bay

Date Received: 7/27/2004 12:59:00 AM Submitter Name: Parrothead Leasing, LLC

Petition Determination: No Request

Petition Disclosure:

Category: No Hazardous Substance(s)

Determination 20107A: No Request Reviewer: persona

Division Assigned: Storage Tank Division

Secondary Address: Not reported BEA Number:

District: Saginaw Bay

7/27/2004 12:59:00 AM Date Received: Submitter Name: Saginaw Bay Dermatology

Petition Determination: No Request

Petition Disclosure:

No Hazardous Substance(s) Category:

Determination 20107A: No Request

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MOUCH'S AUTO SALES (Continued) S106521609

Reviewer: persona

Division Assigned: Storage Tank Division

D22 MOUCH'S AUTO SALES UST U004181127 SF

106 E MAIN ST N/A

1/8-1/4 SEBEWAING, MI 48759

0.216 mi.

1141 ft. Site 2 of 7 in cluster D

UST 2: Relative:

Owner Name: OWNER ADDRESS UNKNOWN Equal

Owner Address: Not reported

Actual: Active Tanks: 585 ft.

D23 **MOUCH'S AUTO SALES & SERVICE** SHWS S106515482

SE 106 E MAIN ST **BROWNFIELDS** N/A

1/8-1/4 SEBEWAING, MI

0.216 mi.

1141 ft. Site 3 of 7 in cluster D

SHWS: Relative:

Equal Facility ID: 32000095

Facility Status: See Leaking Underground Storage Tank Site Database

Actual: Source: Auto Repair Services & Garage

585 ft. SAM Score:

SAM Score Date: 10/26/2006 15N Township: 09E Range: Section: 8 Quarter: SW Quarter/Quarter: NE

Pollutants: 1,2,4 TMB; 1,3,5 TMB; Benzene; Ethylbenzene; Toluene; Xylenes

BROWNFIELD:

Facility ID: 00003125

Region:

Status: Not reported Not reported Properry Use: Use at Time of Listing: Not reported BEA: Not reported Ernie Id Number: 32000095

D24 MI DEPT/NATURAL RESOURCES AND ENVIRONMENT **RCRA-NonGen** 1007096915 SF MIK269816260

106 EAST MAIN 1/8-1/4 SEBEWAING, MI 48759

0.216 mi.

1141 ft. Site 4 of 7 in cluster D

RCRA-NonGen: Relative: Equal

Date form received by agency: 11/19/2001 MI DEPT/NATURAL RESOURCES AND ENVIRONMENT Facility name:

Actual: Facility address: 106 EAST MAIN

585 ft. SEBEWAING, MI 48759

> EPA ID: MIK269816260

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT (Continued)

1007096915

EDR ID Number

Mailing address: 914 W BARAGA AVE

MARQUETTE, MI 49855

Contact: IVAN MARTYSZ
Contact address: 106 EAST MAIN

SEBEWAING, MI 48759

Contact country: US

Contact telephone: (906) 228-2333 Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

11/20/2001

Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country:

Owner/operator telephone:

Legal status:

Owner/Operator Type:

Owner

Owner/Op start date:

Owner/Op end date:

Not reported

Not reported

11/20/2001

Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Historical Generators:

Date form received by agency: 10/18/2001

Facility name: MI DEPT/NATURAL RESOURCES AND ENVIRONMENT

Classification: Small Quantity Generator

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MI DEPT/NATURAL RESOURCES AND ENVIRONMENT (Continued)

1007096915

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

> LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

D25 **MOUCH'S AUTO SALES** LUST U003102288 SE 106 E MAIN ST

N/A

1/8-1/4 SEBEWAING, MI 48759

0.216 mi.

1141 ft. Site 5 of 7 in cluster D

LUST: Relative:

Facility ID: 00003125 Equal

Source: STATE OF MICHIGAN

Actual: OWNER ADDRESS UNKNOWN Owner Name: 585 ft.

Owner Address: Not Recorded

Owner City, St, Zip: Not Recorded, XX 99999

Not reported Owner Contact: Not reported Owner Phone:

Country: USA

District: Saginaw Bay District Office Mouchs Auto Sales & Service Ctr Site Name:

43.7316960000 Latitude: Longitude: -83.4498420000 Date of Collection: 05/11/2001

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Accuracy: Accuracy Value Unit: **METERS** Horizontal Data: NAD83 Point Line Area: **POINT**

Desc Category: Plant Entrance (Freight)

Leak Number: C-1375-01 Release Date: 11/05/2001

Substance Released: Gasoline, Gasoline, Used Oil

Release Status: Open Release Closed Date: Not reported

D26 MAIN ST., 115 E., SEBEWING SHWS S110126636 N/A

SF 115 EAST MAIN STREET 1/8-1/4 SEBEWAING, MI

0.219 mi.

1157 ft. Site 6 of 7 in cluster D

SHWS: Relative:

Facility ID: 32000114 Equal

Facility Status: Inactive - no actions taken to address contamination

Actual: Source: Not reported 585 ft.

SAM Score: 34 SAM Score Date: 11/25/2009 Township: 15N

TC3234484.2s Page 33

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MAIN ST., 115 E., SEBEWING (Continued)

S110126636

Range: 09E 8 Section:

Quarter: Not reported Quarter/Quarter: Not reported Pollutants: Not reported

D27 EILER DRYCLEANING RCRA-NonGen 1000210300 SE 115 E MAIN ST **FINDS** MID073952970

1/8-1/4 SEBEWAING, MI 48759

0.219 mi.

1157 ft. Site 7 of 7 in cluster D

RCRA-NonGen: Relative:

Date form received by agency: 05/31/2009 Equal

EILER DRYCLEANING Facility name:

Actual: Facility address: 115 E MAIN ST

585 ft. SEBEWAING, MI 48759 EPA ID: MID073952970

Contact: ROBERT EULER Contact address: 115 E MAIN ST

SEBEWAING, MI 48759

Contact country:

(517) 883-3260 Contact telephone: Contact email: Not reported

EPA Region:

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator Owner/Op start date: 05/01/2009 Owner/Op end date: Not reported

NO ACTIVE O/OP AS NOT GENERATING WASTE Owner/operator name:

Owner/operator address: Not reported

Not reported

Owner/operator country: Not reported Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 05/01/2009 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EILER DRYCLEANING (Continued)

1000210300

Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: Nο

Historical Generators:

Date form received by agency: 12/31/2001

EILER DRYCLEANING Facility name: Classification: Not a generator, verified

Date form received by agency: 09/05/1986

EILER DRYCLEANING Facility name: Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF Waste name:

LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

110003603360 Registry ID:

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

program staff to track the notification, permit, compliance, and

corrective action activities required under RCRA.

MICHIGAN SUGAR CO LUST U000254652 28 NE 763 N BECK ST **UST** N/A

SEBEWAING, MI 48759 1/4-1/2

0.453 mi. 2392 ft.

LUST: Relative:

Facility ID: 00018767 Higher

STATE OF MICHIGAN Source: Actual: Owner Name: Michigan Sugar Co 586 ft.

Owner Address: Owner City, St, Zip:

Owner Contact: Not reported Owner Phone:

Direction Distance

Elevation Site Database(s) EPA ID Number

MICHIGAN SUGAR CO (Continued)

Country: USA

District: Saginaw Bay District Office
Site Name: MI Sugar , Sebewaing
Latitude: 43.7403090000
Longitude: -83.4465840000
Date of Collection: 01/11/2001

Method of Collection: Address Matching-House Number

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-0521-85Release Date:04/26/1989Substance Released:Not reportedRelease Status:ClosedRelease Closed Date:05/19/1993

UST:

 Facility ID:
 00018767

 Facility Type:
 CLOSED

 Latitude:
 43.7403090

 Longitude:
 -83.4465840

Owner Name: MICHIGAN SUGAR CO

Owner Address: Owner City,St,Zip:

Owner Country: USA
Owner Contact: Not reported

Owner Phone:

Contact: LEIF L. NIELSEN
Contact Phone: (517) 883-3200
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: Address Matching-House Number

Tank ID:

Tank Status: Removed from Ground

Capacity: 1000
Install Date: 04/16/1976
Product: Gasoline
Remove Date: 07/20/1990
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported

Constr Material: Asphalt Coated or Bare Steel

Impressed Device: No

U000254652

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

 29
 JAMES WINEMAN TRUST
 LUST U004120501

 NE
 812 N BECK ST
 UST N/A

1/4-1/2 0.472 mi. 2491 ft.

Relative: LUST:

Higher Facility ID:

SEBEWAING, MI 33903

Actual: 586 ft.

Facility ID: 00042114

Source: 0wner Name: 0wner Address: 0wner City,St,Zip: 0wner Contact:

Owner Phone:
Country:
USA

District: Saginaw Bay District Office
Site Name: Acme Roll Forming Co
Latitude: 43.7392600000
Longitude: -83.4456850000
Date of Collection: 07/08/2008

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Accuracy: 40
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Leak Number:C-0171-08Release Date:08/15/2008Substance Released:Used OilRelease Status:OpenRelease Closed Date:Not reported

UST:

 Facility ID:
 00042114

 Facility Type:
 CLOSED

 Latitude:
 43.7392600

 Longitude:
 -83.4456850

Owner Name: Owner Address: Owner City,St,Zip: Owner Country: Owner Contact: Owner Phone:

Contact: James Wineman
Contact Phone: (239) 896-4502
Date of Collection: 07/08/2008
Accuracy: 40

Accuracy: 40
Accuracy Value Unit: FEET
Horizontal Datum: NAD83

Source: STATE OF MICHIGAN

Point Line Area: POINT

Desc Category: Plant Entrance (Freight)

Method of Collection: GPS Code Meas. Standard Positioning Service SA Off

Tank ID:

Tank Status: Removed from Ground

Capacity: 4000
Install Date: Not reported
Product: Used Oil, Water

EDR ID Number

Map ID Direction MAP FINDINGS

Unknown

Distance Elevation Site Database(s)

EDR ID Number EPA ID Number

U004120501

JAMES WINEMAN TRUST (Continued)

Remove Date:

Piping Material:

08/07/2008 Tank Release Detection: Not reported Pipe Realease Detection: Not reported

Piping Type: Constr Material: Not reported Unknown Impressed Device: No

Count: 5 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HURON COUNTY	M300002417	MICHIGAN SUGAR CO	SEBEWAING LIMEKILN		MINES
SEBEWAING	S108488206	SEBEWAING TOWNSHIP LANDFILL	BAY RD	48759	SHWS
SEBEWAING	S103084725	ENGELHARDT BULK STORAGE	MILLER ST	48759	SHWS
SEBEWAING	1007989892	MI DEPT/TRANSPORTATION	M25 OVER SEBEWAING RIVER	48759	RCRA-CESQG
SEBEWAING	A100252495	SEBEWAING LIGHT & WATER DEPT	PINE ST AND ALBERT ST	48759	AST

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 06/30/2011 Source: EPA
Date Data Arrived at EDR: 07/12/2011 Telephone: N/A

Number of Days to Update: 79 Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 06/30/2011 Source: EPA
Date Data Arrived at EDR: 07/12/2011 Telephone: N/A

Number of Days to Update: 79 Next Scheduled EDR Contact: 01/23/2012
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/30/2011 Date Data Arrived at EDR: 07/12/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 79

Source: EPA Telephone: N/A

Last EDR Contact: 10/12/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/29/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010 Date Data Arrived at EDR: 01/11/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 36

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 10/14/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/25/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 11/29/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/09/2011 Date Data Arrived at EDR: 03/15/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 91

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 11/14/2011

Next Scheduled EDR Contact: 02/27/2012 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/05/2012

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/05/2012

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/05/2012

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/05/2012

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/09/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/16/2011 Date Data Arrived at EDR: 03/25/2011 Date Made Active in Reports: 06/14/2011

Number of Days to Update: 81

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 12/09/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 10/04/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/31/2011 Date Data Arrived at EDR: 11/02/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 20

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 08/02/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 12/30/2011

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/01/2011 Source: Department of Natural Resource

Date Data Arrived at EDR: 10/06/2011 Date Made Active in Reports: 11/16/2011

Number of Days to Update: 41

Source: Department of Natural Resources & Environment Telephone: 517-373-9837

Last EDR Contact: 11/22/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Annually

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/16/2011 Date Data Arrived at EDR: 06/02/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 103

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011 Date Data Arrived at EDR: 09/13/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 59

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 11/01/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 10

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 11/01/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/02/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 7

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/31/2011 Date Data Arrived at EDR: 02/01/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 48

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/11/2011 Date Data Arrived at EDR: 08/12/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 32

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 25

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 10/06/2011 Date Made Active in Reports: 11/15/2011

Number of Days to Update: 40

Source: Department of Natural Resources & Environment

Telephone: 517-335-4035 Last EDR Contact: 11/22/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 07/29/2011 Date Made Active in Reports: 09/06/2011

Number of Days to Update: 39

Source: Department of Environmental Quality

Telephone: 517-335-7211 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Quarterly

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

Date of Government Version: 09/21/2011 Date Data Arrived at EDR: 09/27/2011 Date Made Active in Reports: 11/15/2011

Number of Days to Update: 49

Source: Department of Natural Resources & Environment

Telephone: 517-373-8168 Last EDR Contact: 11/17/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: No Update Planned

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/02/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 7

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/11/2011 Date Data Arrived at EDR: 08/12/2011 Date Made Active in Reports: 09/13/2011 Number of Days to Update: 32 Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 08/05/2011 Date Made Active in Reports: 09/13/2011 Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 10/31/2011

Number of Days to Update: 39

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/13/2011 Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 10/31/2011

Number of Days to Update: 25

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/01/2011 Date Data Arrived at EDR: 06/01/2011 Date Made Active in Reports: 06/14/2011

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 10/31/2011

Number of Days to Update: 13

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 07/01/2011 Date Data Arrived at EDR: 08/26/2011 Date Made Active in Reports: 09/13/2011 Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 10/31/2011

Number of Days to Update: 18

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011 Date Data Arrived at EDR: 05/11/2011 Date Made Active in Reports: 06/14/2011 Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 10/31/2011

Number of Days to Update: 34

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal

Nations).

Date of Government Version: 10/01/2011 Date Data Arrived at EDR: 11/01/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 10

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 10/17/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 09/19/2011 Date Data Arrived at EDR: 09/21/2011 Date Made Active in Reports: 09/30/2011

Number of Days to Update: 9

Source: Department of Natural Resources & Environment

Telephone: 517-373-4828 Last EDR Contact: 12/05/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 08/04/2011 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 10/04/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 11/04/2011 Date Data Arrived at EDR: 11/04/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 18

Source: Department of Natural Resources & Environment

Telephone: 517-373-4805 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detrot Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007 Date Data Arrived at EDR: 04/10/2007 Date Made Active in Reports: 05/01/2007

Number of Days to Update: 21

Source: Economic Development Corporation

Telephone: 888-522-0103 Last EDR Contact: 12/05/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 06/27/2011 Date Data Arrived at EDR: 06/27/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 78

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/27/2011

Next Scheduled EDR Contact: 04/09/2012 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 12/21/2011

Next Scheduled EDR Contact: 04/09/2012 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/24/2009 Date Data Arrived at EDR: 09/30/2010 Date Made Active in Reports: 10/28/2010

Number of Days to Update: 28

Source: Department of Natural Resources & Environment

Telephone: 517-241-5719 Last EDR Contact: 10/06/2011

Next Scheduled EDR Contact: 01/16/2012 Data Release Frequency: Varies

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997 Date Data Arrived at EDR: 02/28/2003 Date Made Active in Reports: 03/06/2003

Number of Days to Update: 6

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 02/28/2003 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 11/07/2011

Next Scheduled EDR Contact: 02/20/2012 Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 06/08/2011 Date Data Arrived at EDR: 09/16/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 13

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 12/05/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 11/07/2011 Date Data Arrived at EDR: 11/07/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 15

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008 Date Data Arrived at EDR: 11/18/2008 Date Made Active in Reports: 11/21/2008

Number of Days to Update: 3

Source: Department of Community Health

Telephone: 517-373-3740 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007 Date Data Arrived at EDR: 11/19/2008 Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 07/29/2011 Date Made Active in Reports: 09/06/2011

Number of Days to Update: 39

Source: Department of Environmental Quality

Telephone: 517-335-7211 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011 Date Data Arrived at EDR: 09/16/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005 Date Data Arrived at EDR: 12/11/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 31

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/22/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 06/13/2011 Date Data Arrived at EDR: 07/25/2011 Date Made Active in Reports: 07/29/2011

Number of Days to Update: 4

Source: Department of Natural Resources & Environment

Telephone: 517-373-9837 Last EDR Contact: 10/28/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011 Date Data Arrived at EDR: 10/04/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 38

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 01/03/2012

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Annually

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 06/01/2011 Date Data Arrived at EDR: 10/21/2011 Date Made Active in Reports: 11/16/2011

Number of Days to Update: 26

Source: Department of Natural Resources & Environment

Telephone: 517-373-8427 Last EDR Contact: 12/12/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/15/2011 Date Data Arrived at EDR: 07/07/2011 Date Made Active in Reports: 08/08/2011

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 312-886-6186 Last EDR Contact: 01/05/2012

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011 Date Data Arrived at EDR: 08/09/2011 Date Made Active in Reports: 11/11/2011

Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 11/08/2011

Next Scheduled EDR Contact: 02/20/2012 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 08/12/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 112

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 12/09/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/01/2011 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 41

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/27/2011

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/31/2011 Date Data Arrived at EDR: 09/14/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 15

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 12/14/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/21/2010 Date Made Active in Reports: 01/28/2011

Number of Days to Update: 99

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 11/29/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011 Date Data Arrived at EDR: 09/08/2011 Date Made Active in Reports: 09/29/2011

Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 12/07/2011

Next Scheduled EDR Contact: 03/19/2012 Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/17/2010 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 94

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 12/02/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006 Date Data Arrived at EDR: 09/29/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 64

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/27/2011

Next Scheduled EDR Contact: 04/09/2012 Data Release Frequency: Every 4 Years

FTTS: FIFRA/TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/07/2011 Date Data Arrived at EDR: 01/21/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 12/21/2011

Next Scheduled EDR Contact: 04/09/2012 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010 Date Data Arrived at EDR: 11/10/2010 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 98

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 10/19/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011 Date Data Arrived at EDR: 07/15/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 60

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 12/12/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/11/2011 Date Data Arrived at EDR: 01/13/2011 Date Made Active in Reports: 02/16/2011

Number of Days to Update: 34

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 10/13/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/14/2010 Date Data Arrived at EDR: 04/16/2010 Date Made Active in Reports: 05/27/2010

Number of Days to Update: 41

Source: EPA

Telephone: (312) 353-2000 Last EDR Contact: 12/13/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008

Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 62

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 11/30/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Biennially

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 02/28/2011 Date Data Arrived at EDR: 03/01/2011 Date Made Active in Reports: 03/28/2011

Number of Days to Update: 27

Source: Department oF Natural Resources & Environment

Telephone: 517-373-9875 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Quarterly

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 11/01/2011 Date Data Arrived at EDR: 11/02/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 20

Source: Department of Natural Resources & Environment

Telephone: 517-241-1515 Last EDR Contact: 10/31/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments A listing of drycleaning facilities in Michigan.

Date of Government Version: 11/08/2011 Date Data Arrived at EDR: 11/10/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 12

Source: Department of Natural Resources & Environment

Telephone: 517-335-4586 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Varies

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 10/11/2011 Date Data Arrived at EDR: 10/12/2011 Date Made Active in Reports: 11/16/2011

Number of Days to Update: 35

Source: Department of Natural Resources & Environment

Telephone: 517-241-1300 Last EDR Contact: 10/12/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data Permit and emissions inventory data.

> Date of Government Version: 09/21/2011 Date Data Arrived at EDR: 10/27/2011 Date Made Active in Reports: 11/22/2011

Number of Days to Update: 26

Source: Department of Natural Resources & Environment

Telephone: 517-373-7074 Last EDR Contact: 12/20/2011

Next Scheduled EDR Contact: 04/09/2012 Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

A Baseline Environmental Assessment (BEA) allows people to purchase or begin operating at a facility without being held liable for existing contamination. BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

Date of Government Version: 08/29/2011 Date Data Arrived at EDR: 08/31/2011 Date Made Active in Reports: 09/09/2011

Number of Days to Update: 9

Source: Department of Natural Resources & Environment

Telephone: 517-373-9541 Last EDR Contact: 11/21/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 12/08/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 34

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 10/24/2011

Next Scheduled EDR Contact: 02/06/2012 Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 10/20/2011

Next Scheduled EDR Contact: 01/30/2012

Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 01/01/2008 Date Data Arrived at EDR: 02/18/2009 Date Made Active in Reports: 05/29/2009

Number of Days to Update: 100

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 11/04/2011

Next Scheduled EDR Contact: 02/13/2012 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010 Date Data Arrived at EDR: 01/03/2011 Date Made Active in Reports: 03/21/2011

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 12/08/2011

Next Scheduled EDR Contact: 03/26/2012 Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 12/08/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 04/21/2011 Date Data Arrived at EDR: 04/21/2011 Date Made Active in Reports: 05/13/2011

Number of Days to Update: 22

Source: Department of Natural Resources & Environment

Telephone: 586-753-3754 Last EDR Contact: 10/11/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/21/2011 Date Data Arrived at EDR: 10/25/2011 Date Made Active in Reports: 11/16/2011 Number of Days to Update: 22 Source: Department of Natural Resources & Environment

Telephone: 517-335-6610 Last EDR Contact: 10/11/2011

Next Scheduled EDR Contact: 01/23/2012 Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/05/2011 Date Data Arrived at EDR: 01/07/2011 Date Made Active in Reports: 02/14/2011

Number of Days to Update: 38

Source: Department of Natural Resources & Environment

Telephone: 517-335-4034 Last EDR Contact: 12/27/2011

Next Scheduled EDR Contact: 04/16/2012 Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/21/2011 Date Data Arrived at EDR: 11/22/2011 Date Made Active in Reports: 12/22/2011

Number of Days to Update: 30

Source: Department of Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 11/22/2011

Next Scheduled EDR Contact: 03/05/2012 Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 07/20/2011 Date Made Active in Reports: 08/11/2011

Number of Days to Update: 22

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/18/2011

Next Scheduled EDR Contact: 01/30/2012 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 11/01/2011 Date Data Arrived at EDR: 11/08/2011 Date Made Active in Reports: 12/22/2011

Number of Days to Update: 44

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 11/08/2011

Next Scheduled EDR Contact: 02/20/2012 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2008 Date Data Arrived at EDR: 12/01/2009 Date Made Active in Reports: 12/14/2009

Number of Days to Update: 13

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 06/24/2011 Date Made Active in Reports: 06/30/2011

Number of Days to Update: 6

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 11/28/2011

Next Scheduled EDR Contact: 03/12/2012 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010 Date Data Arrived at EDR: 08/19/2011 Date Made Active in Reports: 09/15/2011

Number of Days to Update: 27

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/19/2011

Next Scheduled EDR Contact: 04/02/2012 Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data Source: Rextag Strategies Corp. Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

LMS WAREHOUSE PHASE I ESA UNION STREET SEBEWAING, MI 48759

TARGET PROPERTY COORDINATES

Latitude (North): 43.73450 - 43° 44' 4.2" Longitude (West): 83.4526 - 83° 27' 9.4"

Universal Tranverse Mercator: Zone 17 UTM X (Meters): 302481.8 UTM Y (Meters): 4845092.5

Elevation: 585 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 43083-F4 SEBEWAING, MI

Most Recent Revision: 1978

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

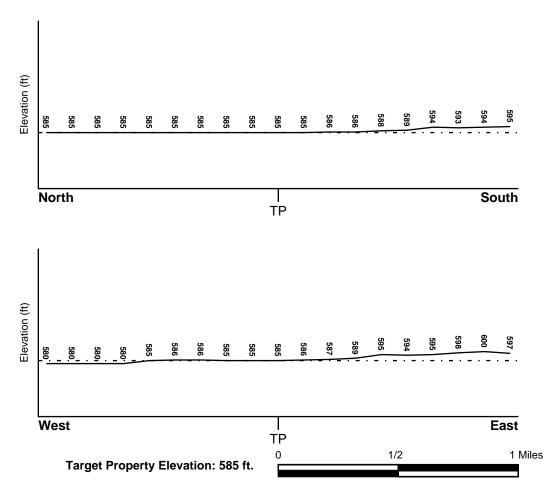
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood

Target Property County HURON, MI

Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:

26063C - FEMA DFIRM Flood data

Additional Panels in search area:

Not Reported

NATIONAL WETLAND INVENTORY

NWI Electronic

NWI Quad at Target Property

Data Coverage

SEBEWAING

YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

Era: Paleozoic Category: Stratifed Sequence

System: Pennsylvanian

Series: Atokan and Morrowan Series

Code: PP1 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: TAPPAN

Soil Surface Texture: loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic

conductivity, or seepage. Depth to water table is less than 1 foot.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

	Soil Layer Information							
	Bou	ındary		Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)	
1	0 inches	13 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.40	
2	13 inches	31 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.20	Max: 8.40 Min: 7.90	
3	31 inches	60 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 7.90	

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loamy fine sand

sandy loam silt loam

Surficial Soil Types: loamy fine sand

sandy loam silt loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sandy loam

silty clay loam very fine sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

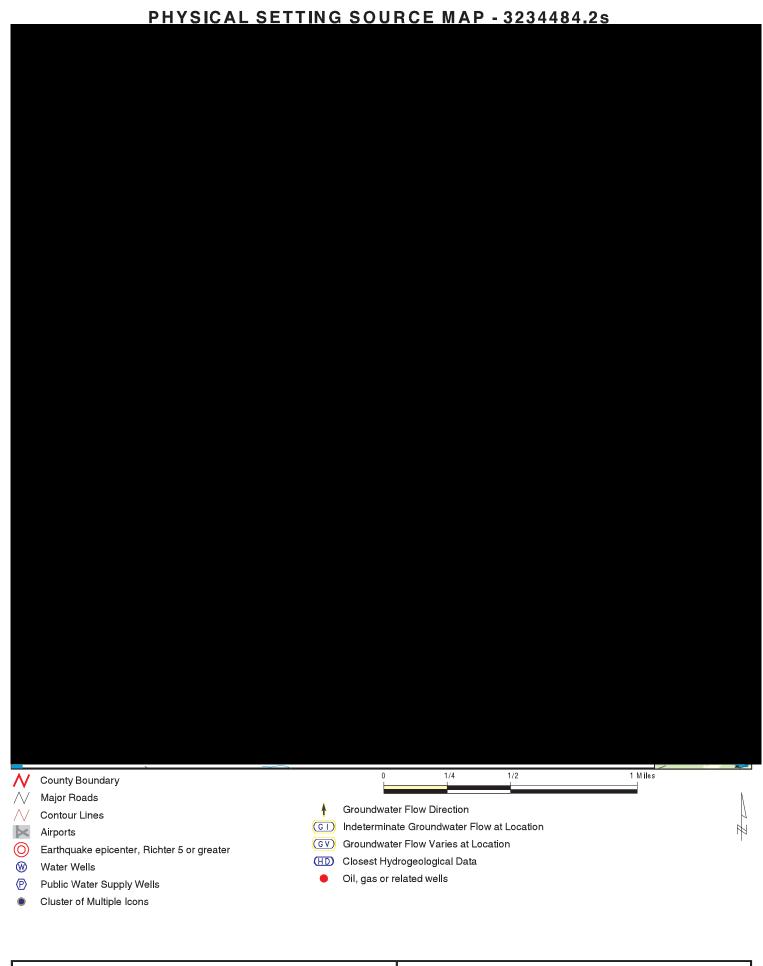
MAP ID WELL ID FROM TP

1 MI0040186

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	MI20094838	
3	MI20095735	
4	MI20094837	
5	MI20095340	
6	MI20095722	



SITE NAME: LMS Warehouse Phase I ESA

ADDRESS: Union Street

Sebewaing MI 48759 LAT/LONG: 43.7345 / 83.4526

Soil & Materials Engineers

CLIENT: Soil & Materia CONTACT: Jeremy Efros

INQUIRY#: 3234484.2s

DATE: January 05, 2012 12:11 pm

Map ID Direction Distance

Elevation Database EDR ID Number

SSE FRDS PWS MI0040186

1/8 - 1/4 Mile Higher

PWS ID: MI0040186

Date Initiated: 7706 Date Deactivated: Not Reported

PWS Name: CHARLIE'S PLACE M H P 11860 KILMANAGH RD

SEBEWAING, MI 48759

Addressee / Facility: Not Reported

Facility Latitude: 43 43 55 Facility Longitude: 083 27 03
City Served: Not Reported
Treatment Class: Untreated Population: 00000038

Violations information not reported.

2 East MI WELLS MI20094838 1/4 - 1/2 Mile

Higher

 Wellid:
 32000000005
 Import id:
 32157908302

 County:
 Huron
 Township:
 Sebewaing

Town range: 15N 09E Section: 8

Owner name: SEBEWAING LIGHT & WATER

Well depth:

Well type: Type I public Wssn: 5990

Well num: Driller id: 0
Const date: Not Reported Case type: Unknown

 Case dia:
 12

 Case depth:
 81

 Screen frm:
 0

 Screen to:
 0

 Swl:
 12

 Test depth:
 24

 Test hours:
 0

Test rate: 600 Test methd: Unknown Grouted: 1 Pmp cpcity: 597

Latitude: Longitude:

Methd coll: GPS Code Meas. Std. Positioning Svc. SA Off

Elevation: 593

Elev methd: Topographoc Map Interpolation Depth flag: Not Reported

Elev flag: Not Reported Swl flag: Not Reported

Elev dem: 590 Elev dif: 3

Elev miv: 593 Aq code: Not Reported

 Aq flag:
 Lithology Problem (Drift under Rock) aq:
 0

 Pct aq d:
 0
 Pct aq r:
 0

 Pct maq:
 0
 Pct maq d:
 0

 Pct maq r:
 0
 Pct cm:
 0

Pct cm d:	0	Pct cm r:	0
Pct pcm:	0	Pct pcm d:	0
Pct pcm r:	0	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	-9
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm:	0	A pct na:	0
A thickns2:	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0	A pct na2:	0
A hit swl:	F	A hit top:	T
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc lmaq1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc lmaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	25
Pct maq 1:	0	Pct cm 1:	25
Pct pcm 1:	50	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	0
Pct pcm 3:	100	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	Not Reported		
Hit swl:	Not Reported		
Athk2:	0		
Horiz Conduct:	0		
Vert Conduct:	0		
T2:	0		
DC0=l=l-	0		

D50plek:

0

Map ID

Direction Distance Elevation Database EDR ID Number 3 WNW **MI WELLS** MI20095735 1/4 - 1/2 Mile Higher Wellid: 32000001346 Import id: Not Reported County: Township: Sebewaing Huron Town range: 15N 09E Section: Pension Fund Lodge Owner name: Well addr: Well depth: Type II public Well type: 2025932 Wssn: Well num: Driller id: 1989-01-01 00:00:00.000 Const date: Case type: Unknown Case dia: 5 Case depth: 0 Screen frm: 0 Screen to: 0 Swl: 0 Test depth: 0 0 Test hours: Test rate: 0 Test methd: Unknown Grouted: 0 Pmp cpcity: 12 Latitude: Longitude: Methd coll: Address Matching-House Number Elevation: 581 Elev methd: Topographoc Map Interpolation Depth flag: Well_Depth < 25 feet or Well_Depth > 1000 feet Elev flag: Not Reported

SWL = 0Swl flag: Elev dem: 584 Elev dif: Elev miv: 581 Aq code: Blank (null aqtype) Aq flag: Not Reported Pct aq: 0 Pct aq d: 0 Pct aq r: Pct maq: Pct maq d: 0 0 Pct mag r: 0 Pct cm: 0 Pct cm d: 0 Pct cm r: 0 Pct pcm: 0 Pct pcm d: 0 0 Pct pcm r: 0 Pct na: 0 0 Pct na r: Pct na d: Not Reported 0 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 A thickns2: 0 A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported Not Reported A sc Imod2: Not Reported A sc Imaq2: A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 0 Pct pcm 1: 0 Pct na 1: 0

Pct aq 2: 0 Pct cm 2: 0 Pct na 2: 0 Pct maq 3: 0 0 Pct pcm 3: Pct aq 4: 0 Pct cm 4: 0 Pct na 4: 0 Pct maq 5: 0 Pct pcm 5: 0 0 Pct aq 6: Pct cm 6: 0 Pct na 6: 0 Pct maq 7: 0 Pct pcm 7: 0 Pct aq 8: 0 Pct cm 8: 0 Pct na 8: 0 Pct maq 9: 0 Pct pcm 9: 0 Pct aq 10: 0 Pct cm 10: 0 Pct na 10: 0 Pct maq 11: 0 Pct pcm 11: 0 Pct aq 12: 0 Pct cm 12: 0 Pct na 12: 0 Pct maq 13: 0 0 Pct pcm 13: Within sec: Υ Aq code 1: Not Reported Hit swl: Not Reported

Pct maq 2: 0 Pct pcm 2: 0 0 Pct aq 3: Pct cm 3: 0 Pct na 3: 0 0 Pct maq 4: Pct pcm 4: 0 Pct aq 5: 0 Pct cm 5: 0 0 Pct na 5: Pct maq 6: 0 Pct pcm 6: 0 Pct aq 7: 0 0 Pct cm 7: 0 Pct na 7: Pct maq 8: 0 Pct pcm 8: 0 Pct aq 9: 0 Pct cm 9: 0 Pct na 9: 0 Pct maq 10: 0 Pct pcm 10: 0 0 Pct aq 11: Pct cm 11: 0 0 Pct na 11: Pct mag 12: 0 0 Pct pcm 12: Pct aq 13: 0 Pct cm 13: 0 Pct na 13: 0 Loc match: Υ

4 ESE MI WELLS MI20094837 1/2 - 1 Mile

Higher

Athk2:

T2:

D50plek:

Horiz Conduct:

Vert Conduct:

 Wellid:
 32000000004
 Import id:
 32157908301

 County:
 Huron
 Township:
 Sebewaing

 Town range:
 15N 09E
 Section:
 8

Owner name: SEBEWAING LIGHT & WATER

0

0

0

0

0

Well addr: Well depth:

Well type: Type I public Wssn: 5990

Well num: 1939-02-21 00:00:00.000

Case dia: 12

Driller id: 0
Case type: Unknown

TC3234484.2s Page A-11

O d db -	77		
Case depth:	77		
Screen frm:	0		
Screen to:	0		
Swl:	12		
Test depth:	44		
Test hours:	0		
Test rate:	508	Test methd:	Unknown
Grouted:	1	Pmp cpcity:	507
Latitude:			
Longitude:			
Methd coll:	GPS Code Meas. Std. Positionir	ng Svc. SA Off	
Elevation:	587		
Elev methd:	Topographoc Map Interpolation	Depth flag:	Not Reported
Elev flag:	Not Reported		
Swl flag:	Not Reported		
Elev dem:	587	Elev dif:	0
Elev miv:	587	Aq code:	Rock Well
Aq flag:	Not Reported	Pct ag:	29
Pct aq d:	24	Pct ag r:	41
Pct maq:	8	Pct mag d:	0
Pct mag r:	29	Pct cm:	52
Pct cm d:	69	Pct cm r:	0
Pct pcm:	9	Pct pcm d:	2
Pct pcm r:	29	Pct na:	0
Pct na d:	0	Pct na r:	0
Pct flag:	Not Reported	Rock top:	245
D r type:	Not Reported	Spc cpcity:	0
A thicknes:	0	A pct aq:	0
	0		0
A pct maq:	0	A pct pcm: A pct na:	0
A pct cm: A thickns2:			-
	0	A pct aq2:	0
A pct maq2:	0	A pct pcm2:	0
A pct cm2:	0 F	A pct na2:	T
A hit swl:	F	A hit top:	· ·
A hit rock:		A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imaq1:	Not Reported
A sc lpct1:	0 Not Bonostod	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imaq2:	Not Reported
A sc lpct2:	0	Pct aq 1:	25
Pct maq 1:	0	Pct cm 1:	75
Pct pcm 1:	0	Pct na 1:	0
Pct aq 2:	0	Pct maq 2:	0
Pct cm 2:	100	Pct pcm 2:	0
Pct na 2:	0	Pct aq 3:	0
Pct maq 3:	0	Pct cm 3:	100
Pct pcm 3:	0	Pct na 3:	0
Pct aq 4:	0	Pct maq 4:	0
Pct cm 4:	100	Pct pcm 4:	0
Pct na 4:	0	Pct aq 5:	75
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	25	Pct na 5:	0
Pct aq 6:	100	Pct maq 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	60
Pct maq 7:	0	Pct cm 7:	40
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	100	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0

Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	6.39775		
Vert Conduct:	.00014		
T2:	1375.5155		
D50plek:	505.9483		

5 East MI WELLS MI20095340 1/2 - 1 Mile

Wellid: 3200000743 Import id: Not Reported County: Huron Township: Sebewaing Town range: 15N 09E Section: 9

Owner name:

Well addr:

Well depth:

Well type:

Wssn:

Clark Eidt

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Well num:Not ReportedDriller id:1502Const date:2002-02-14 00:00:00.000Case type:PVC Plastic

Case dia: 5 Case depth: 88 Screen frm: 0 Screen to: 0 Swl: 34 Test depth: 52 Test hours: 0 Test rate: 43

Higher

Test rate: 43 Test methd: Unknown Grouted: Pmp cpcity: 18

Latitude: Longitude:

Methd coll: Address Matching-House Number

Elevation: 0

Elev methd: Not Reported Depth flag: Not Reported

Elev flag: ELEV_DIF > 20 feet -- Abs(Elevation feet DEM_Elevation) > 20 feet

Swl flag: Not Reported

597 Elev dem: 597 Elev dif: Rock Well Elev miv: 0 Aq code: Aq flag: Not Reported Pct aq: 15 Pct aq d: 0 Pct aq r: 26 Pct maq: 45 Pct maq d: 0 Pct maq r: 74 Pct cm: 0

Dat are di	2	Dat are m	0
Pct cm d:	0 40	Pct cm r:	0 100
Pct pcm:	0	Pct pcm d:	
Pct pcm r: Pct na d:	0	Pct na: Pct na r:	0
Pct flag:	Not Reported		88
_	Not Reported	Rock top: Spc cpcity:	0
D r type: A thicknes:	•		0
	0	A pct aq:	0
A pct maq:	0	A pct pcm:	0
A pct cm: A thickns2:	0	A pct na: A pct aq2:	0
	0		0
A pct maq2:	0	A pct pcm2:	0
A pct cm2: A hit swl:	F	A pct na2: A hit top:	F
A hit rock:	F	A sc lith1:	Not Reported
A sc Imod1:	Not Reported	A sc Imag1:	Not Reported
A sc lpct1:	0	A sc lith2:	Not Reported
A sc Imod2:	Not Reported	A sc Imag2:	Not Reported
A sc lpct2:	0	Pct aq 1:	0
Pct maq 1:	0	Pct cm 1:	0
Pct pcm 1:	100	Pct na 1:	0
Pct ag 2:	0	Pct maq 2:	0
Pct cm 2:	0	Pct pcm 2:	100
Pct na 2:	0	Pct aq 3:	0
Pct mag 3:	0	Pct cm 3:	0
Pct pcm 3:	100	Pct na 3:	0
Pct aq 4:	0	Pct mag 4:	0
Pct cm 4:	0	Pct pcm 4:	100
Pct na 4:	0	Pct aq 5:	0
Pct maq 5:	0	Pct cm 5:	0
Pct pcm 5:	0	Pct na 5:	0
Pct aq 6:	0	Pct mag 6:	0
Pct cm 6:	0	Pct pcm 6:	0
Pct na 6:	0	Pct aq 7:	0
Pct maq 7:	0	Pct cm 7:	0
Pct pcm 7:	0	Pct na 7:	0
Pct aq 8:	0	Pct maq 8:	0
Pct cm 8:	0	Pct pcm 8:	0
Pct na 8:	0	Pct aq 9:	0
Pct maq 9:	0	Pct cm 9:	0
Pct pcm 9:	0	Pct na 9:	0
Pct aq 10:	0	Pct maq 10:	0
Pct cm 10:	0	Pct pcm 10:	0
Pct na 10:	0	Pct aq 11:	0
Pct maq 11:	0	Pct cm 11:	0
Pct pcm 11:	0	Pct na 11:	0
Pct aq 12:	0	Pct maq 12:	0
Pct cm 12:	0	Pct pcm 12:	0
Pct na 12:	0	Pct aq 13:	0
Pct maq 13:	0	Pct cm 13:	0
Pct pcm 13:	0	Pct na 13:	0
Within sec:	Υ	Loc match:	Υ
Aq code 1:	R		
Hit swl:	F		
Athk2:	0		
Horiz Conduct:	.00032		
Vert Conduct:	.00032		
T2:	.0215		
D50plek:	.00596		

Map ID

Direction Distance Elevation Database EDR ID Number ŠSW **MI WELLS** MI20095722 1/2 - 1 Mile Higher Wellid: 32000001322 Import id: Not Reported Township: Sebewaing County: Huron Town range: 15N 09E Section: 18 Owner name: Well addr: Well depth: Well type: 0 Wssn: Well num: Driller id: 2078 Not Reported 2003-06-01 00:00:00.000 Const date: Case type: **PVC Plastic** Case dia: 5 Case depth: 160 Screen frm: 0 Screen to: 0 Swl: 6 Test depth: 270 Test hours: 1 Test rate: 35 Test methd: Air Grouted: Pmp cpcity: Latitude: Longitude: Methd coll: Address Matching-House Number Elevation: Elev methd: Topographoc Map Interpolation Depth flag: Not Reported Elev flag: Not Reported Not Reported Swl flag: Elev dem: 587 Elev dif: Elev miv: 591 Aq code: Rock Well Aq flag: Not Reported Pct aq: 17 21 Pct aq d: 0 Pct aq r: Pct maq d: 0 Pct maq: 0 Pct mag r: 0 Pct cm: 46 Pct cm d: 100 Pct cm r: 33 Pct pcm: 37 Pct pcm d: 0 0 Pct pcm r: 47 Pct na: Pct na r: 0 0 Pct na d: Not Reported 55 Pct flag: Rock top: D r type: Not Reported Spc cpcity: 0 A thicknes: A pct aq: 0 A pct maq: 0 0 A pct pcm: 0 0 A pct cm: A pct na: 0 0 A thickns2: A pct aq2: A pct maq2: 0 A pct pcm2: 0 0 0 A pct cm2: A pct na2: F A hit swl: A hit top: Τ A hit rock: A sc lith1: Not Reported A sc Imod1: Not Reported A sc Imaq1: Not Reported A sc lpct1: A sc lith2: Not Reported A sc Imod2: Not Reported A sc Imaq2: Not Reported A sc lpct2: 0 Pct aq 1: 0 Pct mag 1: 0 Pct cm 1: 100 Pct pcm 1: 0 Pct na 1:

Pct aq 2: Pct cm 2: Pct na 2: Pct maq 3: Pct pcm 3: Pct aq 4: Pct cm 4:	0 100 0 0 0 0
Pct na 4:	0
Pct maq 5:	0
Pct pcm 5:	0
Pct aq 6:	0
Pct cm 6:	0
Pct na 6:	0
Pct maq 7:	0
Pct pcm 7:	0
Pct aq 8:	0
Pct cm 8:	0
Pct na 8:	0
Pct maq 9:	0
Pct pcm 9:	0
Pct aq 10:	0
Pct cm 10:	0
Pct na 10:	0
Pct maq 11:	0
Pct pcm 11:	0
Pct aq 12:	0
Pct cm 12:	0
Pct na 12:	0
Pct maq 13:	0
Pct pcm 13:	0
Within sec:	Y R
Aq code 1: Hit swl:	F
Athk2:	0
Horiz Conduct:	.0001
Vert Conduct:	.0001
T2:	.0035
D50plek:	.00065

Pct maq 2:	0
Pct pcm 2:	0
Pct aq 3:	0
Pct cm 3:	0
Pct na 3:	0
Pct maq 4:	0
Pct pcm 4:	0
Pct aq 5:	0
Pct cm 5:	0
Pct na 5:	0
Pct maq 6:	0
Pct pcm 6:	0
Pct aq 7:	0
Pct cm 7:	0
Pct na 7:	0
Pct maq 8:	0
Pct pcm 8:	0
Pct aq 9:	0
Pct cm 9:	0
Pct na 9:	0
Pct maq 10:	0
Pct pcm 10:	0
Pct aq 11:	0
Pct cm 11:	0
Pct na 11:	0
Pct maq 12:	0
Pct pcm 12:	0
Pct aq 13:	0
Pct cm 13:	0
Pct na 13:	0
Loc match:	Υ

AREA RADON INFORMATION

State Database: MI Radon

Radon Test Results

Zipcode	Test Date	LT Sign	Result
48759	4/17/2006		1.1
48759	4/18/2007	<	0.3
48759	4/22/2008	<	0.3
48759	3/16/1994		0.8
48759	9/22/2009		0.6
48759	11/23/2009		2.6
48759	9/12/2009	<	0.3
48759	12/23/2002		6.1
48759	11/3/2009		1.7
48759	3/15/2004		1.4

Federal EPA Radon Zone for HURON County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L. : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48759

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.900 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory Source: Department of Natural Resources

Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data

Source: Department of Environmental Quality

Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells

Source: Department of Environmental Quality

Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon

Source: Department of Environmental Quality

Telephone: 517-335-9551 Radon Test Results

Michigan Radon Test Results

Source: Department of Environmental Quality

Telephone: 517-335-8037

These results are from test kits distributed by the local health departments and used by

Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

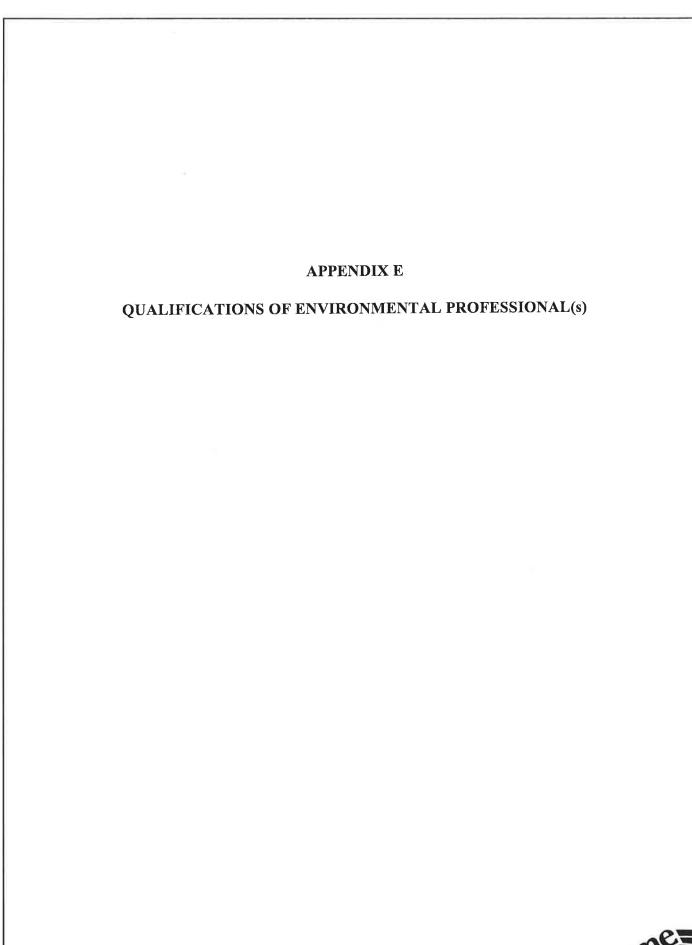
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

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Senior Consultant

Mr. Egan provides senior technical consulting and project management expertise in the areas of brownfield redevelopment and financing, site investigation and remediation, environmental due diligence, RCRA Corrective Action, environmental regulatory compliance, and environmental chemistry.

Professional Qualifications:

> 33 years experience in environmental evaluations and consulting, including 13 years experience with the Ohio Voluntary Action Program (VAP).

Served as Certified Professional (CP) or principal author for 15 No Further Action (NFA) letters for redevelopment projects that received Covenant Not to Sue Status.

Obtained approximately \$10 million in Clean Ohio Revitalization Fund (CORF) and Clean Ohio Assistance Fund (COAF) grants for redevelopment projects.

Successfully prepared a U.S. EPA Brownfield Pilot Project grant application.

Expert in liability management and due care planning for property transactions, brownfield redevelopment planning and environmental response actions, and identification and acquisition of financial incentives for brownfield redevelopments

Expert at environmental site investigations and development of remediation alternatives for industrial and commercial facilities, UST sites, and RCRA Corrective Action facilities.

Representative Project Experience:

- Successfully prepared the \$2.9 million CORF grant application for Clean Ohio funds to remediate and redevelop a former shingle manufacturing facility in Lockland, Ohio. Funds were used to demolish buildings, remediate impacted soil and install underground utilities. Managed the site investigation, remediation, and redevelopment of the property as well as CORF budgeting and invoicing. Prepared the Phase I and II Property Assessments, Remedial Action Plan, and Remedial Implementation Report.
- Served as the CP for a former asbestos-containing building material manufacturing facility. Prepared a work plan in response to deficiencies contained in a No Further Action Letter prepared by others. The plan addressed trace levels of asbestos in the soil. Recommended and monitored an air sampling plan approved by the State of Ohio. Prepared a revised Phase II Property Assessment, a Property-Specific Risk Assessment, new Executive Summary and Filing Document, and NFA letter for this COAF supported project.
- Served as the CP for a former china manufacturing facility that was redeveloped for commercial and recreational use. The site was heavily impacted with lead requiring remediation of the soil and sediments. Remediation required interagency cooperation between VAP, the Division of Surface Water, Division of Hazardous Waste Management, and the Division of Solid and Infectious Waste. Prepared the Phase I and II Property Assessments, Property-Specific Risk Assessment, Remedial Implementation Report, and the Executive Summary and Filing Document. The project received Covenant Not to Sue status.
- Project manager for the remedial investigation of five Superfund sites in Ohio, Kentucky and California.
- Project manager for underground storage tank sites obtaining No Further Action status for over 50 Ohio sites using a risk-based approach.
- Project manager for over 100 Phase I/II site assessments for due diligence related to property transfers and corporate acquisitions and divestitures in several states.

Career History: SME since May, 2010 - Other firms from 1977

B.S., Environmental Science, University of Arkansas **Education:**

Graduate Studies in Geology, University of Oklahoma Certified Professional - State of Ohio VAP Program

Registrations: 40-Hour HAZWOPER Course



Project Engineer

Manages investigations and assessments for a variety of environmental projects. Professional services include Environmental Site Assessments (ESAs), Baseline Environmental Assessments (BEAs), Due Care Assessments, brownfield redevelopment and financing, remediation monitoring at gas compressor stations, hydrogeologic assessments, underground storage tank (UST) closures, project specifications and bid packages, asbestos surveys, and sediment sampling required for dredging.

Professional Qualifications:

> Knowledgeable in Michigan Public Act 451, Parts 115, 201, 211, 213, Part 5 Rules of Part 31, Act 381, and ASTM E1527-05.

> Performed numerous environmental site investigations, including monitoring well installation and development, UST assessment and removal, soil and groundwater sample collection, and report writing.

Experienced in conducting asbestos assessments and sampling procedures in compliance with federal, state and individual lending institution requirements.

> Experienced in conducting exposure monitoring for lead in compliance with the OSHA construction standard.

> Skilled in assessing compliance and reporting requirements for spill prevention, storm water discharge, and soil erosion issues at construction sites.

Representative Project Experience:

- > Maintained an air sparging/soil vapor extraction remediation system at a natural gas compressor station in northern Michigan. The remediation system consisted of 195 sparging and extraction wells divided into five treatment areas.
- > Participated in field evaluation activities for in-situ chemical oxidation and ozone injection pilot tests at natural gas compressor station in northern Michigan.
- > Provided evaluation activities for Manufactured Gas Plant (MGP) sites. Services have included soil and groundwater investigations, evaluation of extent of impact, pathway evaluations, and preparation of assessment reports.
- > Provided maintenance and collected groundwater and vapor samples for a vacuum enhanced groundwater pumping system.
- > Participated in field evaluation activities which helped gain MDEQ closure at a wood treating site.
- > Performed asbestos assessments for numerous commercial/retail, industrial, and educational facilities in Michigan.
- > Completed environmental site assessments throughout Michigan. The projects involved soil and groundwater sampling, determining source and extent of soil and groundwater contamination, and potential remediation activities.
- > Prepared Soil Prevention Controls and Countermeasures (SPCC), Pollution Incident Prevention (PIP), and Storm Water Pollution Prevention plans for manufacturing facilities.

Career History: SME since 1997

Education: B.S., Geological Engineering, Michigan Technological University

ASFE Fundamentals of Professional Practice (FOPP)

Registration: Professional Engineer - Michigan

* Certifications: 8-Hour HAZWOPER Health and Safety Training

OSHA 40-Hour HAZWOPER Course Certified Asbestos Building Inspector OSHA Lead in Construction Awareness

Certified Storm Water Operator (CSWO) – Construction/Industrial Sites

* Affiliations: Michigan Society of Professional Engineers (MSPE)

Staff Geologist

Conducts groundwater and surface water sampling/monitoring and subsurface characterization investigations including soil classification. Provides field monitoring for environmental response activities at state and federal cleanup sites including excavation monitoring and verification of remediation sampling. Performs monitoring well installation, low flow groundwater sampling, soil gas sampling, ambient and indoor air sampling, and sample locating or location collection using global positioning system (GPS) systems. Also, conducts Phase I and Phase II Environmental Site Assessments (ESAs).

Professional Qualifications:

- > Experience in performing Phase I and II ESAs, including researching and evaluating environmental concerns related to commercial and industrial sites and performing remediation and characterization investigations to manage those concerns.
- > Provided excavation monitoring for lead removals as an EPA Superfund Technical Assessment and Response Team (START) member.
- > Utilized Niton and Innovex XRFs to determine lead concentrations in soil.
- > Designed and modified maps with AutoCAD for inclusion into client, state, and federal reports.
- > Monitored installation of single and double cased wells through multiple aquifers.

Project Experience:

- > Conducted groundwater sampling for multiple manufactured gas plant sites.
- > Conducted low flow groundwater sampling using parastaltic, bladder, and Keck pumps.
- > Oversaw drilling activities utilizing Geoprobe, Hollow Stem Auger, and Versa-Sonic drill rigs to install monitoring wells.
- > Worked as a START Emergency Responder for Hurricane Katrina and Hurricane Ike Emergency Response Efforts.
- > Collected surface water, soil, and sediment samples for lab analysis.
- > Performed operation and maintenance on skimmer pump systems.
- > Conducted AST assessment, removal, and demolition monitoring on federal sites.

Area History: SME since 2010 - Other firms from 2005

Education: B.S. Geology, The University of Michigan

M.S. Candidate, Geophysics and Paleoseismology, Boston College

❖ Certifications: 40-Hour HAZWOPER training with current 8-Hour refresher, OSHA 29 CFR 1910.120(e)(3)&(8)

8-Hour Radiation Safety and Monitoring, Device Operation, and Machine

Maintenance of the Niton XRF Analyzer FEMA Incident Command Courses IS-00100.FW, IS-00200.FW, and

FEMA Incident Command Courses IS-00100.FW, IS-00200.FW, and IS-00700 NIMS

10-Hour Construction Safety and Health Training, OSHA 29 CFR 1926

8-Hour Site Health and Safety Coordinator Course, OSHA 29

CFR 1910.120(e)(4)

